Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.23
Vaughan's Seed Store

Petunia

Dwarf California Giants
VAUGHAN'S BLEND

½ trade pkt., 75c; trade pkt., $1.25; ¼ oz., $2.40; ½ oz., $4.40; ⅛ oz., $14.00.

Vaughan's BOOK FOR FLORISTS Spring 1944

601 W. JACKSON BLVD., CHICAGO 6—47 BARCLAY ST., NEW YORK 7

DELPHINIUM

PACIFIC GIANT (Vetterle and Reinelt)

This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Sowing and planting times vary according to climatic conditions. In regions with severe winters, sow either early in January and plant out in the spring or sow in April or May, so that the young plants can be established before the winter frosts come.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

①**Blue Jay.** Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

③**Galahad Series.** Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

②**Guinevere.** Light pink lavender self with white bee.

⑤**King Arthur.** Brilliant royal violet with large white bee.

Lancelot Series. Pure lilac self tone with white bee.

④**Summer Skies.** Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Dark-Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Medium Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two-tone combinations with brown or black bees.

Pacific Giant Violet Shades.

Pacific Giant Mixed.

Each of above 7: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

MARIGOLD Double Dwarf French Spry

MARIGOLD

Spry. Extra dwarf, double French type; compact and uniform, so may be used for edging. About 9 inches tall, early blooming, with very light orange crested center and maroon outer petals. Brighter than Dwarf Harmony and profuse flowering. Trade pkt., 25c; ¼ oz., 50c; oz., $1.80; 4 oz., $5.80.

SF 4

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK 601 West Jackson Blvd., CHICAGO

NAME..... Date.....19____
Write very plainly

Post Office..... State.....

Street, P. O. Box
or Rural Delivery.....

Express or Freight Office {If different from P. O.} ..... Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

AMOUNT ENCLOSED

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks Payable to Vaughan's Seed Store

Money Order $.....
Draft or Check $.....
Postage Stamps$.....
Cash - - - $.....

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than $25.00, 5%, and over 25,00, 8%. On all other items a cash discount of 2% is allowed, except on grass seed and net cash supplies. Discounts as herein specified may be deducted from remittance if cash is inclosed with order.			
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

(OVER)

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE	
			Dols.	Cts.
	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	7c.	1c. (2 lbs)
First and Second Zone within 150 miles of either	8c.	1.1c.
Third Zone within 150 to 300 miles	9c.	2c.
Fourth Zone within 300 to 600 miles	10c.	3.5c.
Fifth Zone within 600 to 1000 miles	11c.	5.3c.
Sixth Zone within 1000 to 1400 miles	12c.	7c.
Seventh Zone within 1400 to 1800 miles	14c.	9c.
Eighth Zone all over 1800 miles	15c.	11c.

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,		
Amount for Postage		
Grand Total,	$	

Filled by_____ **Checked by**_____ **Packed by**_____

Shipped by_____ **Style of Package**_____

Date_____ **Book**_____ **Weight**_____

Get Your Share of Record Sales

Vegetable Seeds for Victory Gardens

Vegetable seeds sold so rapidly last spring that every store offering them enjoyed a big increase. Government officials say the campaign last year was only a rehearsal for the real effort which will come this year. Vaughan's Victory Garden assortments have both vegetables and flowers, balanced to match present day sales. We have a few assortments allotted to new customers, which will be assigned to those who first send in contracts, as printed below.

OUR RED, WHITE AND BLUE RACK

Red, White and Blue Display

We continue to use for 1944 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The slogan on the lower panel has been changed to read "Vaughan's Seeds for Victory Gardens." The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a brilliant eye-catching combination and will give your store a patriotic atmosphere.

Design and construction of the rack will otherwise follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold $100 worth of packets.

Our New Packets. All flower seed packets of 1944 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

_____ 19____

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1944.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name_____

Your Address_____

Sign here_____

BUYERS: Give this Check List the "Once Over" When Ordering

ITEMS TO START IN JANUARY

FLOWER SEEDS

Agathea (for cutting)
Ageratum (Spring plants)
Antirrhinum (for cutting)
Asparagus Sprengeri
Plumosus Nanus
Balsam (Bush var.) (for pot culture)
Begonias (Spring plants)
Browallia (for pot culture)
Calendulas (for cutting)
Candytuft (for cutting)
Campanula (Annual, for pot culture)
Carnation (Annual, for plants)
Centaurea Candidissima (Dusty Miller)
Gymnocarpa (Dusty Miller)
Cyanus Cornflower (for cutting)
Chrysanthemum (Annual cutflower)
Cineraria Maritima (Dusty Miller)
Clarkia (for cutting)
Cobaea Scandens (Spring plants)
Coleus Glory
Cuphea (for plants)
Cynoglossum (for cutting)
Dahlias Unwin (fine pot plants)
(plant tubers for Mother's Day)
Daisy Bellis (B)
Dracaena Indivisa (for pot plants)
Gloxinia (for pot culture)
Gypsophila (Annual)
Impatiens (Fine for shade)
Kalanchoe (for pot plants)
Larkspur (Annual, for cutting)
Leptosyne (for cutting)
Lilium Praecox White Queen (for spring 1945)
Lilium Creole X White Queen Hybrid
Linaria (for combination)
Lobelias (Spring plants)
Lupins (Annual, for cutting)
Marigolds Dwarf (for combination)
Matricaria Golden Ball Pots and bedding
Mimulus (for pot culture)
Nemesia (for combination)
Nierembergia Hippomanica (for pot culture)
Pansies Super Maple Leaf Giants Mixed Largest Super Swiss Giants (color range, size, earliness)
Petunias All Double and Dwarf Giants
Phlox (Dwarf varieties for combinations)
Salpiglossis (for cutting)
Salvia (for plants)

FLOWER SEEDS—Continued

Schizanthus (Vaughan's Masterpiece)
Smilax
Solanum (Xmas Cherry or Pepper)
Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early Spencer and Intermediate)
Torenia Fournieri (for pot culture)
Verbena Dwarf (for combinations)
Vinca Rosea (plants)

GREENHOUS

Azaleas
Ageratum R.C.
Carnation R.C.
Geraniums 2¼" or R. C.
Hydrangea R.C.
Cyclamen Seedlings
Fancy Leaved Caladiums
Lantana 2¼"

BULBS

Amaryllis
Begonias (Tuberous Rooted)
Gladiolus
Gloxinias (Tuberous Rooted)
Tuberoses

SUPPLIES

Aluminum Phosphate
Bamboo Stakes
Bone and Blood
Formaldehyde Dust
Handy, Sowrite Seed Model
Hormodin
Horn Shavings
Hose Couplings
Loma
Nikoteen
Paper Pots
Flower Boxes
Peat Moss
Pot Labels
Rootone
Red Arrow

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Parsley
Pepper
Radish
Tomatoes

Planted in January	Benching	Blooming	Culture
Agathea	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	May-June	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench.
Centaurea Cyanus	Feb.	April	One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August culture.
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	

ITEMS TO START IN FEBRUARY

FLOWER SEEDS

Ageratum
Antirrhinum (Tom Thumb for combinations)
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula
Campanula Annual
Candytuft (Dwarf for combinations)
Carnation Annual (for plants)
Centaurea Cand. (Dusty Miller)
Centaurea Cyanus
Dahlias Unwin (Fine pot plant)
Dracaena Indivisa
Gypsophila Annual
Larkspur
Lilium Praecox White Queen (for spring 1945)
Lilium Creole X White Queen Hybrid
Linaria (for combinations)
Marigold (Dwarf for combinations)
Mignonette (for cutting)
Mimulus (for pots)
Nasturtiums (Double flowering for cutting)
Nemesia (Combination)
Nierembergia Hippomanica
Petunias
Phlox (Dwarf varieties for combinations)
Primula Obconica
Salpiglossis (for cutting)
Salvia (for plants)
Stocks (Column and branching)
Streptocarpus (Pot plant)
Sweet Peas (Late varieties)
Thunbergia (Vine)
Torenia (for pot plants)
Verbena (Spring plants)
Vinca Rosea (plants)
Zinnia (for cutting inside)

ITEMS TO START IN FEBRUARY—Continued

GREENHOUSE

Azaleas
Lantana 2¼"
Hydrangea R.C.
Geranium 2¼" or R. C.
Chrysanthemum R.C.
Carnation R.C.
Vinca R.C.
Fancy Leaved Caladiums.
Ageratum R.C.
Verbena R.C.
Cyclamen Seedlings
Cannas
Dahlia

BULBS

Amaryllis
Begonias
Caladiums Esculentum
Gladiolus
Gloxinias

SUPPLIES

Arsenate of Lead
Bone & Blood
Bone Meal
Evergreen

SUPPLIES—Continued.

Florafoil
Hormodin
Loma
Match Sticks
Paper Pots
Picks
Red Arrow
Semesan
Bamboo Stakes
Snarol
Soil Tester
Vigoro

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Endive
Lettuce
Mushroom Spawn
Onion
Onion Sets
Parsley
Pepper
Radish
Tomato

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	

ITEMS TO START IN MARCH

FLOWER SEEDS

Alyssum
Antirrhinum (for plants)
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula
Clarkia (for cutting)
Celosia (Dwarf for combinations)
Centaurea Cyanus (outside)
Dahlias Unwin (Fine pot plant)
Dimorphotheca (for plants)
Gerbera (Transvaal Daisy)
Gomphrena (Combination pots)
Grevillea Robusta (Filler)
Gypsophila (A) For cutting
Ipomoea Clark's Early Heavenly Blue.
Larkspur (outside)
Lupinus (Annual)
Marigolds
Mesembryanthemum (pots)
Nasturtiums
Petunias
Phlox (Dwarf varieties for combinations)
Primula Obconica
Primula Sinensis
Salpiglossis
Salvia
Solanum (Xmas Cherry or Pepper)
Statice Sinuata
Sweet Peas (outside)
Venidium (plants)
Verbena
Zinnia (for cutting inside)

VEGETABLE SEED

Beans
Carrots
Onion Sets
Peppers
Radish
Spinach
Turnip

SUPPLIES

Bamboo Stakes
Bone Meal
Bull Dog Clips
Chip Mats
Crepe Paper
Cyanogas
Flower Boxes
Flower Potfoil
Glazine Material
Labels
Loma
Match Sticks
Nicofume
Pot Tie
Raffia
Red Arrow
Soil Tester
Stake Fasteners
Tinsel Ribbon
Twine

GREENHOUSE

Azaleas
Buddlea
Cannas
Dahlias
Chrysanthemum R.C.
Daisy Chiffon
Fancy Leaved Caladiums
Geraniums 2¼" or R. C.
Hydrangea R.C.
Tritoma

BULBS

Begonias
Caladiums Esculentum
Cinnamon Vines
Gladiolus
Gladiolus Display Case
Gloxinias
Ismene
Leucocoryne
Madeira Vines
Montbretias
Ranunculus
Tuberoses

GRASS SEED

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Dec. and later	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.

Copyright by Vaughan's Seed Store 1944.

Give this Check List the "Once Over" When Ordering

ITEMS TO START IN APRIL

FLOWER SEEDS

Asparagus Sprengeri
Plumosus Nanus
Asters (for forcing)
Balsam Bush var.
Calendula
Celosia
Centaurea Annual Sorts
Cosmos Sensation varieties very good
Delphinium (P)
Dianthus Annual Pinks
Euphorbia Variegata (for cutting filler)
Freesias (Sow in flats will bloom in Jan.)
Gaillardia (A) (Spring plants)
Grevillea Robusta (Filler)
Gypsophila (A) (outside or cutting)
Ipomoea Heavenly Blue (Clark's early)
Lupinus (A) (Annual)
Marigolds (Spring plants)
Nasturtiums Double varieties best.
Primula Obconica
Primula Sinensis
Saponaria "Pink Gyp" (for cutting)
Scabiosa (for cutting)
Statice Sinuata
Strawflower Helichrysum
Zinnia (for cutting inside)

VEGETABLE SEED

Asparagus Roots
Kohlrabi
Onion Sets

GRASS SEED

ROSES

GREENHOUSE

Azaleas 2¼" and up for growing on
Buddlea
Cannas
Chrysanthemum R.C.
Cyclamen Seedlings
Dahlias
Daisy Chiffon
Delphinium
Geraniums 2¼" or R. C.
Hydrangeas
Tritoma

SUPPLIES

Chip Mats
Bamboo Stakes
Insecticides (resale)
Loma
Peat Moss

BULBS

Anemone
Begonias
Gladiolus
Gloxinias
Ornithogalum
Rannunculus
Tigridias
Tuberoses

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Mums. R.C. & Pomps	June	Oct.-Dec.	
Mums. R.C. & Pomps	June	Dec.-Feb.	Lights started Aug. 10. Use only for ½ hour at midnight.
Garza and late Pomps. R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	

ITEMS TO START IN MAY

FLOWER SEEDS

Antirrhinum Ghse. var.
Asparagus Plumosus Nanus
Asparagus Sprengeri
Calendula (outside for cut)
Campanula medium sorts (B)
Delphinium (P)
Digitalis (B)
Forget-me-not (For Jan. flwg. Early Blue Bird)
Freesias (Sow in flats will boom in Jan)
Gourds (Start in pots)
Gypsophila (A) (for cutting)
Lupinus Annual (outside)
Primula Malacoides
Primula Obconica
Scabiosa (outside for cutting)
Zinnias (outside for cutting)

BULBS

Gladiolus **Tuberoses**
Ismene

SUPPLIES

Bamboo Stakes
Bone & Blood
Bone Meal
Cyanogas
Galvanized Wire Stakes
Insecticides (resale)
Loma
Nicofume
Raffia
Red Arrow
Sheep Manure
Volck

GREENHOUSE

Azaleas 2¼" and up for growing on
Begonias 2¼"
Chrysanthemum R.C.
Geranium R.C.
Poinsettia Stock Plants

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Poinsettias	Make cuttings in July-Aug.		Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Pomps. R.C.	Early-Mid. July	Jan.-Feb.	
Late Mums	Early-Mid. July	Dec.-Feb.	

ITEMS TO START IN JUNE

FLOWER SEEDS

*Achillea (P) (Tall cutting varieties)
Alyssum Saxatile (P)
*Anthemis (P) (for cutting)
Antirrhinum (Greenhouse var.)
*Aquilegia
Arabis (P)
Asparagus Plumosus Nanus
Asparagus Sprengeri

FLOWER SEEDS—Continued

*Asters (Perennial varieties)
Aubrietia (P)
Begonias (for Xmas plants)
Calceolaria
Campanula Calycanthema (B)
Candytuft
*Carnation (P)
Cineraria

ITEMS TO START IN JUNE—Continued

FLOWER SEEDS—Continued

*Coreopsis (P) Double Sunburst good
Cyclamen
*Centaurea (P)
*Daisy Shasta (P) Single & Double
*Delphinium (P)
*Dianthus Barbatus (B)
Digitalis (B)
*Doronicum (P)
Dracaena Indivisa
Gloxinia (for pots)
*Gaillarda (P) (for cutting)
*Gypsophila (for cutting) (A)
*Helenium (P) (for cutting)
Helianthemum (P)
Heuchera (P)
Lunaria (P)
*Lupinus (P) (Annual and Perennial)
Lychnis (P)
*Matricaria (P)
Primula Chinese (pots)
Primula Malacoides (pots)
Primula Obconica (pots)
*Pyrethrum (P) (for cutting)
*Scabiosa Caucasica
Statice (P) Dumosa variety very good
Sweet Peas (early Flwg.)
Wallflower

FLOWER SEEDS—Continued

*Starred perennial varieties are valuable for cutting besides plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial

BULBS

Gladiolus
Lilium Shangri La

GREENHOUSE

Bouvardia 2¼"
Chrysanthemum R.C.
Gaillardia Sun God
Table Fern Seedlings

SUPPLIES

Bone Meal
Hose & Couplings
Insecticide Refills
Loma
Nicofume
Bordeaux Mixture
Pomo Green
Red Arrow
Sulfate of Aluminum
Super Phosphate
Vigoro

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings June 15	Aug.	Jan. & later	
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.

ITEMS TO START IN JULY

FLOWER SEEDS

Agathea (Blue Daisy)
Anchusa (P)
*Anthemis (P)
Antirrhinum
Armeria (P)
Asparagus Plumosus
Asparagus Sprengeri
Begonia (for Xmas plants)
Bellis (B)
Calceolaria
Calendula
Campanula (B)
*Centaurea Perennial vars.
Cineraria
Clarkia
Cyclamen
*Daisy Shasta (Single & Double)
*Delphinium (P)
Dianthus Plumarius
Didiscus Coeruleus Improved
Digitalis (B)
Dracaena Indivisa
*Gaillardia (P)
*Geum (P)
Gypsophila
*Helenium (P)
Heuchera (P)
Hollyhocks (P)
*Liatris (P)
*Lupinus (P)
Lychnis (P)
Marigold (Ghse. var.)
*Matricaria (Feverfew)
Mignonette
Myosotis (P)
Nasturtiums Double varieties best
Pansies (outside for spring plants)
Pansies (Greenhouse long stem var).

FLOWER SEEDS—Continued

Platycodon (P)
Poppy (P)
Primula Malacoides
Primula Obconica
Primula Sinensis
*Pyrethrum (P)
Salpiglossis
*Scabiosa (P)
Schizanthus
*Statice (P)
Stocks
Sweet Pea (Early)
*Sweet William (B)
*Tritoma (P)
Veronica (P)
Viola (B) (Spring plants)

*Starred perennial varieties are valuable for cutting and plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

BULBS

Gladiolus
Hardy Lilies
Fall Flowering Crocus

SUPPLIES

Bone Meal
Hose & Coupling
Red Arrow
Sphagnum Moss
Vigoro

GREENHOUSE

Table Fern Seedlings

Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 sets of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	Germinates below 68° Far.
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15.	Xmas & later	Use early var. Grow below 50° for setting buds.
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.

Vaughan's Novelties and Specialties for 1944

CARNATION Vienna Dwarf Prof. Malmgreen

AGERATUM

Dwarf Blue Bedder. The average height of Dwarf Blue Bedder is four inches. The habit of growth is uniform, and the compact little plants are alive with large clusters of deep lavender-blue flowers. The coloring is richer and deeper than that of Blue Ball Improved. Ideal as an edging or low border. Trade pkt., 50c; ¼ oz., $1.25; oz., $4.00.

ANTIRRHINUM Large Flowering Rust Resistant Padre. A glistening crimson rich and beautiful, an excellent grower with uniformly compact contrasting foliage; one of the best. Trade pkt., 25c; ¼ oz., 75c.

ASTER, Extra Early Giant Crego, Navy Blue. Honorable Mention All-America 1943. First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. Trade pkt., 25c; ⅛ oz., 50c; ¼ oz., 85c; oz., $2.50.

CALENDULA Giant Glowing Gold. 2½ ft. Vivid color coming between gold and orange which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems. Trade pkt., 25c; ¼ oz., 40c; oz., $1.20.

CALENDULA Orange Beauty. Blooms are large, 3½ in. and more across of curved loose petal formation and freely borne on long stems. The color is bright, deep orange slightly suffused with yellow at the base of the florets, the inner petals gracefully curling over the lighter colored center. 2 ft. Trade pkt., 50c; ¼ oz., 80c; ½ oz., $1.40.

CARNATION Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted. Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.75.

CARNATION Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. Very double and strongly clove scented. Trade pkt., 50c; ¼ oz., $1.50; oz., $5.00.

Easter 1944 is April 9th

CARNATION Prof. Malmgreen. A new early flowering Vienna dwarf double type with gay brick red flowers. Fine for cutting. 14 in. Trade pkt., 50c.

CELOSIA Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. Trade pkt. (300 seeds), 50c.

CHRYSANTHEMUM

Maximum Fringed Semi-Double and Double. The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. Trade pkt., 50c; ¼ oz., 90c; oz., $3.00.

Carinatum Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cut-flower this lovely Chrysanthemum will prove of outstanding value. Trade pkt., 30c; ¼ oz., 60c; oz., $2.00.

COLEUS Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain, it is unequalled for the beautiful form and coloring of its large leaves. Sow seed January 1st for Memorial Day plants. Trade pkt., $1.00.

DAHLIA Unwin's Dwarf Hybrids. XXX Strain. The plants are dwarf, semi-double flowers of the most attractive form in fine range of color. Seed sown in March, plants will be in bloom by end of June. Seed sown in January and early February and grown cool will make fine plants for Mothers' Day. These dwarf Dahlias are very popular for border planting and bedding work. Trade pkt., 25c; ¼ oz., 65c; oz., $2.20; 4 oz., $6.50.

DIANTHUS BARBATUS (Sweet William) Special Giant White. Is pure white. The flower clusters are at least ⅓ larger than the ordinary white with a good strong wiry stem from ⅓ to ½ longer than the ordinary. In growth it resembles the Perennial Phlox and is a splendid cut flower. The individual florets average from ½ to ¾ of an inch in diameter, their size depending somewhat on the culture. Under our conditions the flower clusters range from 4 to 7 inches. Trade pkt., 35c; ¼ oz., 75c; oz. $2.40.

CELOSIA Gilbert's Maple Gold

MARIGOLD. Sunkist

DELPHINIUM. Blue Mirror. Trade pkt., 50c.

PETUNIA. All-Double America

DIANTHUS BARBATUS Homeland. Large trusses of bloom of a most unusual color, dark rich red with a large sharply defined clear white center. Plants sell on sight when in bloom, besides giving splendid cutting material at a time when annuals are not yet in flower. Trade pkt., **50c**; ¼ oz., **$1.00.**

DELPHINIUM Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. Trade pkt., **50c**; ¼ oz., **$1.00.**

GAILLARDIA Grandiflora Sungod. The full circular flowers are of a rich golden yellow without a trace of any other color. The large self colored blooms supported by stout stems above the pale green foliage continue from early summer until late in fall. Trade pkt., **35c.**

GERANIUM Flowerland Strain. Improved single large-flowered seed saved from name varieties. Include seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. Trade pkt., **50c**; ⅛ oz., **$1.00.**

LIATRIS Scariosa, September Glory. A giant 6-foot spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. Trade pkt., **50c**; ¼ oz., **$1.40**; oz., **$5.00.**

MARIGOLD

Dwarf Chrysanthemum-flowered, Golden Bedder. A very early variety, and of uniform habit. Plants form symmetrical mounds, covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type petals or miniature flowers. Trade pkt., **25c**; ¼ oz., **50c**; oz., **$1.60.**

Dwarf French Double, Butterball. Most attractive, very compact, Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Rich, dense foliage, well covered with small 1¼ inch blooms. Trade pkt., **25c**; ¼ oz., **50c**; oz., **$1.80.**

Dwarf Gigantea, Pot O'Gold. 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. Trade pkt., **25c**; ¼ oz., **50c**; oz., **$1.80.**

MARIGOLD—
Continued

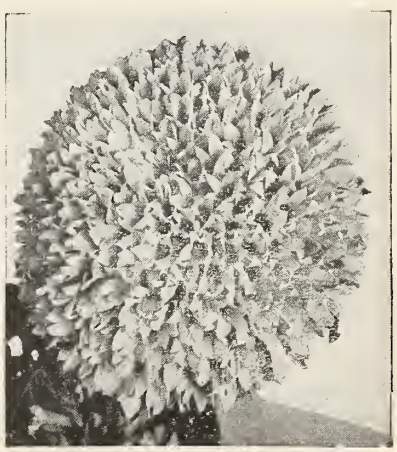
Honeycomb. 15 in. This odorless deep orange belongs to the Double Dwarf African type. Peculiar and unusual formation makes it a distinct variety. Trade pkt., **35c**; ⅛ oz., **70c.**

Mammoth Mum. 30 in. Honorable mention in the All America Selection of 1944. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3½ in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold. Trade pkt., **35c**; ⅛ oz., **60c**; ¼ oz., **$1.00**; oz., **$3.00.**

Mission Giant. Yellowstone. Bright rich clear yellow counterpart to Goldsmith, with large, 2½ inch flowers, on luxurious, large plants. Late blooming and lasting until frosts. Flowers are of double, incurved. Chrysanthemum-like form, and very attractive. Rather late for the most northern, short season, locations. Uniformly 3 to 5 feet tall. Trade pkt., **35c**; ¼ oz., **65c**; oz., **$2.20.**

Sunkist. Silver Medal All-America 1943. It is a dwarf, compact, very early, continuous blooming, double French Harmony type. It comes practically true, 6 to 12 inches tall, and the many attractive flowers are to 1½ in. across. For bedding, edging and pot-culture. Companion variety for the already popular Butterball. Trade pkt., **35c**; ¼ oz., **70c**; oz., **$2.40.**

Dwarf Coronet Improved. Plants average 9 in. in height. Small Scabiosa flowers golden yellow in center and deep mahogany red collar. Plants compact, free blooming and early. The Pennsylvania State College states in their report of annuals for the fall of 1943 that "it is very uniform and one of the outstanding samples of the year." Trade pkt., **25c**; ¼ oz., **45c**; oz., **$1.40.**



MARIGOLD Honeycomb

NIEREMBERGIA Coerulea Purple Robe

NIEREMBERGIA, Coerulea, Purple Robe. This is a half hardy perennial, treated as an annual, blooms in about 15 weeks from date of sowing. It prefers full sun, sandy loam, and makes a grand border and edging subject. Very dwarf, about 6 inches tall, cushion-like plant, surmounted with violet blue flowers. Trade pkt., **50c**; 1/32 oz., **$1.65**; 1/16 oz., **$3.00.**

PETUNIA

All-Double America. Silver Medal All-America 1943. America is the all-double, type, of medium size, carnation-flowered, and rose-pink in color, somewhat a reminder of the color of Gladiolus America, which for many years was our most popular Glad. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts, for bedding and cutting. It is uniform and true. 200 seeds, **75**; 500 seeds, **$1.75**; 1000 seeds, **$3.00**; 1/64 oz., **$11.00.**

All Double Petunias separate sorts and mixed—See general list.

Large Flowering Single Fringed Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias. Trade pkt., **50c.**

Pink Glory Hybrids (Windmiller). Their large blossoms, bright colors, branching habit and long life are hard to match. The hybridizer states "As a porch box Petunia they have proven superior to any we know of; that on Decoration Day the sales of this item in their place were 1000 plants in 5 hours." Trade pkt., **$1.00.**

Hybrida Compacta. Windmiller Pink (Sunrise). The growth is very compact and branching, attaining at maturity a height of 10-12 in. and a spread of 15-18 in. At no time does the plant become "leggy" but always presents a solid mass of deep green foliage studded with blooms. The 2 inch flowers have slightly frilled edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat. 1000 seeds **50c.**

Dwarf Bedding Cheerful. Received Bronze Medal in the All America Selection of 1944. The clear salmon pink flowers have a deeper rose veining toward the throat. The growth is low spreading close to the ground, later the plants form a mound 10-12 in. high with a spread of 2 ft. Growth is densely compact and the plants are studded from early summer until frost with flowers 2½ in. across. Trade pkt., **50c**; 1/16 oz., **90c**; 1/8 oz., **$1.60**; ¼ oz., **$2.70**; oz., **$9.75.**

Igloo. Free blooming habit and compact and uniform growth. The flowers are medium size, pure white with a slightly yellowing in the throat, and are 100% true. Every plant is a perfect mound of white 8 to 10 inches high, reminding one of an Eskimo igloo. Trade pkt., **50c**; 1/8 oz., **$1.10.**

PRIMULA

Giorgis. (This is a cross between Primula Malacoides and Primula Chinensis Fimbriata). The flower formation is that of the Chinese Primrose, while the short compact thick foliage reveals the Malacoides blood. Finely fringed, double rowed, single flowers 1¼ inches in diameter. Dark green foliage. The color is a strong carmine rose with a strong yellow center. Trade pkt., **$1.00.**

Obconica Gigantea Wyaston Wonder. A new type of Primula Obconica, producing flowers of truly immense size; it is by far the largest flowered variety in existence. The general growth of the plant is of exceptional vigor and robustness; the foliage of fine growth and texture. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. Trade pkt., **$1.25**; 1/64 oz., **$3.00**; 1/32 oz., **$5.50**; 1/16 oz., **$10.50.**

Polyanthus Giant Bouquet Mixed. Amagnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden. Trade pkt., **$1.00**; 1/16 oz., **$2.00**; 1/8 oz., **$3.50.**

Polyanthus (Primula Veris) Pink Shades. A selection from the Giant strain of this wonderful hardy primrose. The flowers, which often open up to 2½ inches in diameter, are borne on stiff stems well above the foliage. These primroses require a semi-shaded position. 100 seeds, **65c**; 500 seeds, **$2.75**; 1000 seeds, **$5.00.**

Veris Acaulis Blue. The finest obtainable being regular and rich in color. 100 seeds, **65c**; 500 seeds, **$2.75**; 1000 seeds, **$5.00.**

VERBENA

Hybrida Gigantea Spitfire. The plants are very vigorous, carrying many large flowers on upright stems. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret. Trade pkt., **35c**; ¼ oz., **75c**; oz., **$2.65.**

Hybrida Roseglow. Color is so luminous that each plant has the appearance of a small flat mountain of fire. Each floret is a deep rose shading to orange scarlet without an eye. Very free flowering. Trade pkt., **25c**; ¼ oz., **50c**; oz , **$1.80.**

PORTULACA Single Jewel. No one who has in mind the usual Portulaca flower can imagine the beauty of this new variety, which is four times as large, and of a brilliant deep crimson coloring. One of the most popular of annuals, the Portulaca is so easy to grow in dry, sunny places, that its beauty is often overlooked; but here is a new member of the family that will attract surprised attention in any company. It is as free flowering as the smaller flowered varieties. Trade pkt., **50c**; 1/8 oz., **$1.00.**

Vaughan's The World's Best Flower Seeds

All Flower Seeds Are Scarce!

Production of flower seeds in 1943 was reduced to less than a third of the previous year; and in 1944 this is to be cut still further. We have eliminated all varieties which we cannot supply, and hold stocks of everything offered; but since replacements are uncertain we urge you to order early, to make sure of your requirements in full.

Buyers of seeds are dependent upon the experience, ability and integrity of the seedsmen to insure the quality and identity of the seeds they buy. Our customers are protected by the skill of an organization which for more than sixty years has specialized in seeds for florists.

Carl Cropp, vice president of Vaughan's Seed Store since 1884, and his son Carl, Jr., are in touch with expert growers; by frequent inspection trips and careful checking in our trial gardens, they make sure that we supply you with the best seed obtainable in the world.

TESTING AND TRIALS Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds.

Flower Seeds for Summer Sowing—We issue a special catalogue in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see pages 38 to 52.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. is at the oz. rate; ½ oz. is at the ounce rate only when the price per ounce is 20c or more and ½ oz. rate is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discounts on Flower Seeds: On all orders for flower seeds, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed, except Cyclamen seed, which is net.

	Trade pkt.	Oz.
Abronia Umbellata (Sand Verbena). Rose. 10 in.	$0.10	$0.60
Acroclinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open	.15	1.00
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states... ¼ oz., 65c	.35	2.40

Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft.	.15	.60
Album White. 2 ft.	.15	.60
Blue Ball. Fine dwarf rich blue variety. ¼ oz., 45c	.20	1.50
Blue Ball Improved. 4-5 in. ¼ oz., $0.80	.25	2.80
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball. ¼ oz., $1.25	.50	4.00
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform. ¼ oz., $0.75	.25	2.80
Blue Perfection. True blue. 6 in. ¼ oz., 30c.	.15	1.00
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose. ¼ oz., $1.65	.50	....
Little Blue Star. Tiny bushes, flowers light blue with red center. 4 in. ¼ oz., 65c	.25	2.40
Midget Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. ⅛ oz., 85c; ¼ oz., $1.60	.35	5.50

ALYSSUM Vaughan's Little Gem

AGERATUM—Continued	Trade pkt.	Oz.
Mexicanum Purple Perfection. Richer and deeper blue. ¼ oz., 40c	$0.20	$1.40
Venus, Pink. 6 in. ¼ oz., 70c	.25	2.40
Golden (Lonas Indora). 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings... 1/16 oz. 90c	.50	....
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft.. ¼ oz., 80c.	.35	....
Agrostemma Coeli-Rosa (Rose of Heaven). Rose. 12 in.	.15	.65
Aloe Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, $1.50; 500 seeds, $6.50; 1,000 seeds, $11.00.		
Alyssum Maritimum (Sweet Alyssum). 10 in. lb., $2.80	.10	.30
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties ... ¼ oz., 25c; 4 oz., $2.60	.15	.80
Vaughan's Little Gem. This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in. ¼ oz., 30c; 4 oz., $3.50	.15	1.00
Violet Queen. A very pretty bright violet tint. It has the usual honey-like odor of the white variety.... ¼ oz., 40c	.15	1.20
Compactum Lutescens. Straw yellow. 6 in.	.15	.60

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER—WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*) are best for early winter flowering.
Varieties followed by a cross (×) we can supply in ½ trade pkts. at 60c each.

CHRISTMAS CHEER

BRONZE SHADES

Trade pkt.

Afterglow. Golden bronze Spring flowering × $1.00

Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1¾ to 2 inch individual florets. No grassy growth; non-shattering 2.00

***Early Glorious** (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales 1.50

Ideal Improved (Hodaly). It is a much stronger, deeper in color, and much earlier than original. A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed. "This variety sold on sight at a premium." Louis Hoeckner 1.50

Kirkwood Beauty. Bronze with a cast of gold—a striking color. Rather tall grower .. 1.00

***Miss Wooster.** The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety × 1.00

***Sunlight.** Improved Suntan, finest early golden bronze × 1.00

***Suntan.** Rose shade of tan with tinge of yellow on lip. Early blooming × 1.00

Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers 2.00

PINK AND ROSE SHADES

America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage 1.50

Ball's Early Pink. Rose pink similar to Radiance 1.00

***Better Times** (1942 edition) (Windmiller.) A real American Beauty Rose red. It is a first cross like Christmas Cheer but deeper color. Excellent for Xmas and Valentine's Day 2.00

***Cheviot Supreme Appleblossom** (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter... Trade pkt. $1.00

Cheviot Maid Supreme. Reselected. Deep rose-pink × .. 1.00

***Christmas Cheer** (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops 2.00

Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer × 1.00

***Gilbert's Pink Queen Supreme.** This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads 1.50

La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem 1.50

Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set 2.00

Mary Ellen. Not available this year. See **Yoder's No. 33.**

***Maryland Pink** (Winkler). Early, light pastel pink. Large flowers. ½ trade pkt., $1.25 ..... 2.00

***New Cincinnati.** The finest light rose × 1.00

Peggy Schumann (Schumann). Pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots 2.00

***Radiance** (Windmiller). Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original. Excellent keeping qualities and great uniformity. Average height 30 inches. Termed by some florists as "The Gladiolus Flowered Snapdragon" 1.50

PINK AND ROSE SHADES—Continued

***Rose-Pink Cheviot Supreme** (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January ..... Trade pkt. $1.00

Rose Queen. Dark pink × 1.00

Schaffroth's Pink. A beautiful soft rose pink. Early flowering. Also may be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop 2.00

St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer 1.50

Terry's Surprise, Improved. Pink and bronze shades, late .. 1.00

Yoder's No. 33. One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit 1.50

RED

***Christmas Red.** Extra early crimson 1.00

Velvet Beauty. Rich American Beauty red in color × 1.00

Velvet Supreme. A rich velvety scarlet crimson 1.50

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed 1.50

Bertha Baur. Standard lavender 1.00

Schumann's Lavender. A true color, heaviest spike and unquestionably the leader 2.00

"SNAPS" For Greenhouse Forcing—Cont'd

WHITE

Trade pkt.

Early Westover's Fringed White (Windmiller). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late..... $1.50
***Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers..... 1.50
***Lucky Strike.** Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X... 1.00
***Lucky Strike Improved.** Earlier than the original..... 1.50
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage.. 1.50
Schaffroth's White. Pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks..... 2.00
Schlegel's White. Early and vigorous grower for early and late planting..... 1.50
Snow White (Windmiller). Late white for Easter and Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems..... 1.00
Westover's Fringed White. A great favorite in the East. Sow for late crop X..... 1.00
White Wonder, Improved. Longer and better stems with flowers well placed—keeping the pure white color of original. 1.50
***White Wonder.** A fine pure white. Free and early X.... 1.00

YELLOW

Carol Jean (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter..... 2.00
***Ceylon Court. Dark Selection.** Canary yellow. Our introduction X..... 1.00
Coate's Yellow Perfection. Deep golden yellow. Spring flowering X..... 1.00
***Ethel.** Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof.. 1.50
Goldie. Deep early yellow..... 2.00
Gorgeous (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums..... 2.00
Klondyke Supreme. Deep intense golden yellow with extra large individual florets..... 1.00
Schlegel's Yellow. Early and vigorous grower for early and late flowering..... 1.50
Schumann's Yellow. Fine large yellow..... 2.00
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth..... 2.00
***Yellow Wonder** (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety..... 1.50
Greenhouse Varieties Mixed. With pinks predominating.. .75

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

Avalanche. Pure White.
Dawn of Day.
Delight. Apricot.
Eldorado. Yellow.
Golden Dawn. Golden buff, overlaid salmon.
Orange King. Rich orange.
Red Chief. Rich deep scarlet.
Rose Beauty. Rose-pink self.
Rose Marie. Light salmon, gold center.
Rosella. Rich glowing rose.
Twilight. Delicate rosy salmon.

		Trade pkt.	Oz.
Each of the above	¼ oz. $1.00	$0.50	....
Majestic Varieties, mixed	¼ oz., 75c	.25	$2.60
Rose Princess. Giant flower, brilliant cerise rose with center overlaid gold	¼ oz., $1.25	.50	....

Dwarf Sorts

Trade pkt. Oz.

Tom Thumb Mixed. Sow some dwarf Snapdragon in February. By the middle of May they will develop into heavy 2-inch pot plants with 6 or more flower spikes, if you will grow them in 50 deg. house and shift and pinch a few times. 6 in..... ¼ oz., 75c $0.25 ....
Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint. ¼ oz., $1.00 .35 ....

SNAPDRAGONS—Continued

Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

		Trade pkt.	Oz.
Black Prince. Deep crimson. Dark foliage	¼ oz., $1.20	$0.35	....
Empress. Rich velvety crimson	¼ oz., 75c	.25	....
Flame. Improved Defiance	¼ oz., 75c	.25	....
Gloria. Rich, deep rose-pink	¼ oz., 75c	.25	....
Golden Monarch. Good yellow	¼ oz., 75c	.25	....
Golden Queen. Yellow	¼ oz., 75c	.25	....
Guinea Gold. Glowing bronzy orange-yellow throat		.50	....
Nelrose. Rose-pink	¼ oz., 75c	.25	....
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florists' use	¼ oz., 75c	.25	....
Purity. White	¼ oz., 75c	.25	....
Red Emperor. Rich deep scarlet, compact habit	¼ oz., 75c	.25	....
Royal Rose. Rich deep rose		.50	....
St. George. A new shade of orange cerise	¼ oz., $1.20	.50	....
Vaughan's Special Mixture, semi-tall sorts	¼ oz., 55c	.25	$1.80

Antirrhinum Rust-Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

LARGE FLOWERING TALL 2½ ft.

(Majus Grandiflorum)

Brilliant Rose.
Daintiness. Rose-pink, white throat.
Orange Shades.
Padre. A glistening crimson, rich and beautiful one of the best. An excellent grower with uniformly compact contrasting foliage.
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.
Salmon Pink.
Shasta. Pure white, extra free flowering.
Stoplight. A vivid copper scarlet, both flower and tube being one color.
Yellow Jacket. A clear deep yellow.

		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.25	....
Reveille. Rich yellow		.50	....
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend	¼ oz., 70c	.25	2.40

LARGE FLOWERING DWARF 1½ ft.

Amber and Gold.
Antique Gold. Shades of old gold, copper, fawn and orange.
Appleblossom. Rose pink, white tube.
Du Barry. Flaming salmon rose.
Gypsy Girl. Carmine, yellow nose.
Ruby. Velvety carmine crimson.

Each of above	¼ oz., 75c	.25	....

SUPER MAJESTIC 16 to 20 in.

		Trade pkt.	Oz.
Orange Shades	¼ oz., $1.00	$0.35	....
Red Rocket	¼ oz., $1.00	.35	....
Shell Pink	¼ oz., $1.00	.35	....
Rose Sensation. Richest, most charming shade of pink with just a touch of salmon. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered	¼ oz., $1.00	.35	....
Royal Crimson	¼ oz., $1.00	.35	....
Silver Pink	¼ oz., $1.00	.35	....
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend.	¼ oz., 80c	.35	....

ANTIRRHINUM RUST RESISTANT STRAINS—Continued

MAXIMUM OR SUPER GIANTS—2¾ ft.

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.

Campfire. Pure luminous scarlet.

Canary Yellow.

Copper King. Shining copper color.

Crimson. Fiery crimson.

Daffodil. Beautiful two-tone yellow.

Fair Lady. Silver pink, white tube and yellow tip on lip.

Golden Rod. Bright golden yellow waved flowers, strong grower.

Golden Glory. Deepest yellow.

Indian Summer. Coppery rose scarlet.

Loveliness. Pure soft rose-pink

Pink Sensation. Pure pink, frilled flowers.

Red Cross. Glowing velvet crimson.

Salmon Rose Shades.

Swing Time. Rose-pink.

	Trade pkt.	oz.
Each of the above.....⅛ oz., 45c; ¼ oz., 80c	$0.25	$2.80
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend..... ⅛ oz., 45c; ¼ oz., 80c	.25	2.80

Vaughan's Special Mixture. All Rust Proof varieties.....¼ oz., 85c	.35	3.00

	Trade pkt.	Oz.
Amaranthus Molten Fire. Fiery crimson and maroon.....¼ oz., 35c	$0.15	$1.20
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy. 30 in.....¼ oz., 35c	.15	1.20
Tricolor Splendens. Very beautiful foliage. 3 ft.....	.15	1.00
Vaughan's Special Mixture .....¼ oz., 35c	.15	1.20
Amberboa Muricata (Star of the Desert). 2½ ft. Blossoms three inches across of tyrian purple. Excellent for cutting.....¼ oz., 80c	.35	....
Anagallis Grandiflora Coerulea. Dark blue. 10 in....	.15	.60
Grandiflora, Mixed. Rich and showy.....	.15	.60
Terra Cotta. Red.....	.15	.60
Anchusa Capensis, Blue Bird. Vivid indigo, 18 in....	.15	.60
Aralia Sieboldi. 100 seeds, 35c; 1,000 seeds, $3.00.		
Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.....	.15	.60
Breviscapa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc. 6 in. .....¼ oz., $1.00	.35	....
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch....¼ oz., 90c	.35	3.20

Asters

WILT-RESISTANT

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

ASTER VAUGHAN'S WILT RESISTANT. GIANT BRANCHING AND CREGO TYPES.

ASTERS Wilt Resistant—Continued.

AURORA

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft. Fine for cutting. Trade pkt., 30c; ¼ oz., 60c; oz., $2.00.

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Crimson	Lavender	Violet
Blue Flame	Deep Rose	Pink	White
Cattleya (Orchid shades)		Purple	

	Trade pkt.	Oz.
Each of the above.....¼ oz., 60c	$0.30	$1.85
Crego Mixed, all colors.....¼ oz., 50c	.30	1.75

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	**Black Prince (deep marine violet)**	**Crimson**
Carmine Rose	**Purple**	
White	**September Beauty**	

	Trade pkt.	Oz.
Each of the above.....¼ oz., 60c	$0.30	$1.85
Mixed, all colors.....¼ oz., 50c	.30	1.75

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. With practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

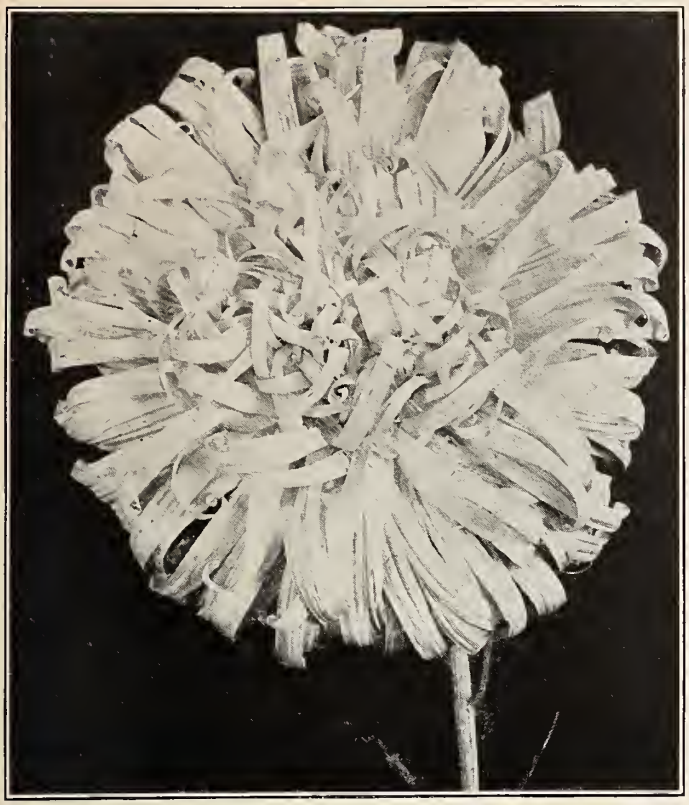
	Trade pkt.	Oz.
Light Blue.....¼ oz., 80c	$0.30	$2.80
Peachblossom. Opens white, flushes lavender pink.....¼ oz., 80c	.30	2.80
Rose Marie. Rich lively shape of rose..¼ oz., 90c	.35	3.20
Mixed, three varieties.....¼ oz., 70c	.30	2.40

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink	Sensation (deep red)
Deep Rose	Purple	White
Lavender		

	Trade pkt.	Oz.
Each of the above.....¼ oz., 60c	$0.30	$1.85
Mixed, all colors.....¼ oz., 50c	.30	1.75



ASTER Wilt Resistant Crego

ASTER VAUGHAN'S WILT RESISTANT—Continued

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Azure Blue	Crimson	Dark Blue	Flesh Pink
Light Blue	Scarlet	White	Rose

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Dark Lavender	Rose-Pink
Peachblossom	Shell Pink
Purple	White

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

OTHER VARIETIES

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main midseason supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., 60c; oz., $1.85.

		Trade pkt.	Oz.
California Giant, Purple	¼ oz., 85c	$0.35	$2.80
Giant Mammoth Peony Flowered, Silvery Rose. Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers	¼ oz., 70c	.35	2.40

ASTERS, Other Varieties—Continued

		Trade pkt.	Oz.
Giant Comet, Mixed	¼ oz., 50c	$0.30	$1.75
Heart of France. Glowing ruby-red	¼ oz., 60c	.30	2.00
King. All colors mixed. Flowers, large and full, needle-like strong petals. August	¼ oz., 50c	.30	1.75
Ostrich Feather Mixed, all colors	¼ oz., 50c	.30	1.75

PRINCESS NEW CRESTED

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

Princess Anne. Delicate pink turning to rose as they mature.

Princess Bonnie. Beautiful soft salmon rose with a center of rich gold.

		Trade pkt.	Oz.
Princess Marsha. A strong vibrant cinnabar scarlet, gold center. Each of above	¼ oz., 60c	$0.30	$1.85

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors	¼ oz., 50c	.30	1.80
Vaughan's Special Mixture of Wilt-Resistant Varieties. This is a mixture of the most beautiful and distinct colors of the tall-growing Asters.	¼ oz., 70c	.30	2.40
Wilt-Resistant Single Giants of California. Mixed, all colors	¼ oz., 50c	.30	1.75

STANDARD BRED ASTERS

CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

		Trade pkt.	Oz.
Mixed, all colors	¼ oz., 70c	$0.35	$2.40

CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Dark Purple	Light Purple
Carmine Rose	Deep Rose	Peachblossom
Crimson	Light Blue	White

		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.35	$2.75
Mixed, all colors	¼ oz., 60c	.25	2.20

Extra Early Giant Crego, Navy Blue. First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. Honorable Mention All-America Award 1943 | ⅛ oz., 50c; ¼ oz., 85c | .25 | 2.50

Giant Harmony Moonlight. (Azure blue). Fine cut flower type, long stems, basal branching. Flowers with quilled centers | ¼ oz., 60c | .30 | 2.00

Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink | ¼ oz., 85c | .35 | 2.80

Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period | ¼ oz., 85c | .35 | 2.80

GIANT PEONY FLOWERED—2½ to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy (Azure blue)	Peachblossom (White flushed pink)
Maiden's Blush (Delicate pink)	Rose Bud (Deep rose)
Purple Robe (Deep purple)	Swan's Down (Pure white)

		Trade pkt.	Oz.
Each of the above	¼ oz., 65c	$0.35	$2.20
Mixed, all colors	¼ oz., 55c	.25	2.00

Imbricated Pompon White. 20 in. Flowers very freely produced, often as many as 20 to a plant. Blooms very early. The small round Pompon blossoms have an outside row of short guard petals | ¼ oz., $1.20 | .50 | 4.00

	Trade pkt.	Oz.
Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting	$0.25	....

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, $1.50.

Sprengeri. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, $1.50.

	Trade pkt.	Oz.
Baileya Multiradiata (Desert Sunray). The plant is a foot tall with grayish-green, woolly stems and foliage, and the handsome flower is an inch and a half across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color. ¼ oz., 85c	$0.35	$2.80

Bachelor's Button. See Centaurea Cyanus.

Balsam

Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

Scarlet	¼ oz., 70c	.25	2.40
White	¼ oz., 70c	.25	2.40
Rose		.25	....
Bush Mixed	¼ oz., 70c	.25	2.40

Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem .20 1.00

Novelty Begonias

This type is specially desirable for out-door bedding.

Homeran. All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous. Excellent as a house plant.

	Trade pkt.
Homeran Crimson. Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose. 15 to 18 in.	$1.00
Homeran Rose. A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in.	1.00
Homeran White. Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in.	1.00

Begonias—Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

Begonia seed available in trade packets only.

Pink Pearl. This variety is not available this year.

Red Pearl. As this variety is not available this year, we recommend **King of the Reds** instead.

	Trade pkt.
Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl (crop failed).	
Carmen. Bright rose flowers, bronze foliage	$1.00
Dwarf Luminosa. Extra dwarf, scarlet. Fine for pots. 8 in.	1.00
Fireball. Fiery crimson. 10 in.	1.00
Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage	1.00
Luminosa. Deep dark scarlet foliage reddish brown. 10 in.	1.00
Prima Donna. Limpid rose, shading to carmine, most beautiful. 10 to 12 in.	1.00
White Pearl. White. 10 in	1.00
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet	1.00
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink	1.00

BEGONIA SEMPERFLORENS MASTERPIECE

BEGONIAS Gracilis—Continued

	Trade pkt.
Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in.	$1.00
Semperflorens Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green	1.00
Enchantress. Fresh rose color	1.00
Erfordia. Pure La France rose	.50
Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage. 8 in.	1.00
G. Knaake. Glowing salmon pink	.50
Glow. Foliage green, flowers glowing scarlet	1.00
Ile de France. The best white. The foliage is light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day	1.00
Kaethe Teicher. The flowers are 2½ in. across. The plants about 10 in. high. The strong dark green foliage forms an effective foil to the pure carmine of the flowers	1.00
King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl.	1.00
Little Midget. A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. color a pretty dark carmine	1.00
Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage	1.00
Scandinavia. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering	1.00
Snow. Pure white blossoms; green foliage	1.00
Special Mixture for pots and bedding begonias	1.00

Begonia Tuberous Rooted

Grown easily from seed which, sown in January, will make fine pot-plants for spring. This type Begonia is most satisfactory for planting in the shade.

Double Camellia Type, mixed. The largest and most popular of the double types, individual flowers from 5 to 8 inches in diameter resembling camellias and roses in all forms and variations of color	2.00

	Trade pkt.	Oz.
Bell of Ireland. Graceful 2 foot branching stems are so surrounded by 2 inch flowers there is little room for leaves. The bell-shaped calyx is green and delicately veined, containing the white corolla. Both curious and beautiful.....¼ oz., 75c	$0.25	$2.40
Brachycome Iberidifolia (Swan River Daisy). 12 in. Mixed.....	.20	.80
Browallia Elata. Blue or Mixed, each.....	.20	1.00
Elata. White.....	.20	1.00
Speciosa Major. Large deep blue flowers. Fine for pots. 12 in.....	.50	....
Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding..... .....1/16 oz., $1.00; ⅛ oz., $1.80	.35	....

Cactus Seed

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

	100 Seeds	1000 Seeds
Cereus (Column-cacti). Mixed.....	$0.75	....
Cephalocereus Senilis (Old Man Cactus).....	.75	....
Cereus Grandiflorus (Queen of the Night).....	1.00	....
Echinocactus (Hedgehog-cacti). Mixed.....	.75	....
Opuntia (Fig-cacti). Mixed.....	.50	....
Opuntia. Hardy Mixed..... .....¼ oz., 45c; tr. pkt., 25c; oz., $1.40	....	....
Cacti. All kinds and forms, mixed.....	.35	$3.00

California Poppy. See Escholtzia.

	Trade pkt.	Oz.
Calandrinia Umbellata Amaranth. Crimson violet. 6 in.....¼ oz., 80c	$0.25	$2.80

Calendula

BEDDING VARIETIES

	Trade pkt.	Oz.
New Giant Glowing Gold. 2½ ft. Vivid color, coming between gold and orange, which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems.....¼ oz., 40c	$0.25	$1.20
Orange Fluffy. 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3½ inch. semi-double, with petals increasingly erect towards the center. Flowers profusely on long, strong stems...¼ oz., 60c	.35	2.00
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony..... .....¼ oz., 25c; lb., $7.00	.15	.85
Pastel Bedding Mixed. Charming assortment of art shades.....¼ oz. 50c	.30	1.60
Radio. The flowers are medium size, good depth and clear orange. The petals are quilled.....¼ oz., 25c	.15	.85
Shaggy Orange. The petals are long and deeply laciniated, orange with darker center.....¼ oz. 25c	.15	.85
Sunshine or Chrysantha. Petals long, broad and drooping. Buttercup yellow.....¼ oz., 25c	.15	.85
Yellow Colossal. The well formed, bushy plants grow 18 in. high. Flowers are extremely double, 4½ in. and more across and of a clear, bright yellow..... .....¼oz., 45c	.25	1.40
Vaughan's Special Mixture of bedding varieties..... .....¼ oz., 30c	.20	1.00

FORCING VARIETIES

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape..2 oz., $3.50; ¼ oz., 60c	.40	2.00
Ball Apricot. Light straw or buff color with dark center.....2 oz., $3.50; ¼ oz. 60c	.40	2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved..¼ oz., 60c; 2 oz. $3.50	.40	2.00
Ball Lemon Queen.....¼ oz., 60c; 2 oz., $3.50	.40	2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange...¼ oz., 60c; 2 ozs., $3.50	.40	2.00
Ball Long Orange. Long-stemmed, light center, clear orange.....¼ oz., 60c; 2 ozs., $3.50	.40	2.00

CALENDULA VAUGHAN'S IMPROVED SENSATION

CALENDULA Forcing Varieties—Continued	Trade pkt.	Oz.
Ball's Orange Improved. Rich orange, light center. Petals slightly notched....¼ oz., 60c; 2 ozs., $3.50	$0.40	$2.00
Ball Masterpiece. Extra long-stemmed, deep orange-brown center.....¼ oz., 60c; 2 ozs., $3.50	.40	2.00
Ball White (Moonlight). A beautiful soft cream yellow.....¼ oz., 40c	.25	1.20
Vaughan's Special Mixture for greenhouse forcing.... .....¼ oz., 50c	.35	1.50

Calceolaria Hybrida

Hybrida Dobbie's Perfection. One of the finest strains in cultivation. Flowers rich and varied in color, beautifully spotted and blotched, and of fine form and substance; habit dwarf, compact, and very free flowering.....1/64 oz., $3.00	1.00	....
Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted This strain produces bushy, shapely plants with clean foliage.....	2.00	....
Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. .....1/32 oz., $4.40; 1/64 oz., $2.40	1.00	....
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock..... .....1/128 oz., $2.40; 1/64 oz., $4.40	1.00	....
Gilbert's Strain. A selection made by a grower in our midwest. Bright colors.....	1.00	....
Indian Prince. A new selection retaining the fine dwarf, free-flowering habit. The color is rich dark scarlet with an orange suffusion.....	1.50	....
Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades.....	1.00	....
Grandiflora, "Flower Cloud." This is a cross between the C. Rugusa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugusa, making them easy to pack and ship.....	1.50	....
Rugosa Major Mixed. 12 in. The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting.....	1.00	....

CANDYTUFT Giant Hyacinth Flowered White

Calliopsis

	Trade pkt.	Oz.
Tall All-Double Mixed. 3 ft. high. The best strain of double flowering Calliopsis. Flowers are semi-double and double, 1 to 1½ inches across, borne on long graceful stems that are valuable for cutting. They flower profusely from early July until autumn ....¼ oz., 25c	$0.15	$0.80
Coronata Maxima (Crown of Gold). Bright yellow. 20 in.	.15	.60
Drummondi (Golden Wave) Golden yellow with brown-red ring. 20 in.	.15	.60
Drummondi (Golden Crown). Rich golden yellow with a shining maroon central zone	.15	.60
Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals	.15	.60
Vaughan's Special Mixture	.15	.60
Dwarf Mixed	.15	.40
Dazzler. Dwarf variety. Dark red flowers edged deep golden yellow	.15	.60

Candytuft

Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mothers' day ....4 oz., $2.60; lb., $8.00	.20	.80
Miniature Gem. A miniature hyacinth-flowered Candytuft about 3½ inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item ....¼ oz., 25c	.15	.80
Umbellata Carminea. Carmine. 12 in. ....lb., $4.80	.15	.50
Alba. White. 12 in. ....lb., 4.80	.15	.50
Flesh-Pink. 12 in. ....lb., 4.80	.15	.50
Lilacina. Lilac. 12 in. ....lb., 4.80	.15	.50
Purpurea. Crimson. 12 in. ....lb., 4.80	.15	.50
Rose Cardinal. Rose-pink. 12 in. ....lb., 4.80	.15	.50
Vaughan's Special Mixed ....lb., 4.80	.15	.50
Dwarf Mixed. For pots or combination baskets	.15	.60
Crimson. Rich reddish purple	.15	.60
Lilac	.15	.60
Rosea	.15	.60
White	.15	.60

For Gibraltarica, Queen of Italy and Sempervirens, see Perennial Pages.

Fragrant Double Carnations of the Enfant de Nice type can be grown in five months from seed.

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

Deep Rose	Rose-Pink	White
Flesh-Pink	Salmon-Rose	Yellow
Maroon	Scarlet	

	Trade pkt.	Oz
Each of above ....¼ oz., 90c	$0.35	$3.20
Vaughan's Early and Perpetual-Flowering, mixed. ....¼ oz., 90c	.35	3.20

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose	
Salmon	Red	

	Trade pkt.	Oz.
Each of above ....⅛ oz., $2.00	$0.50	....
Mixed, from varieties noted above ....⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $6.00	.50	.....
Giant Margaret Mixed, 20 in. ....¼ oz., 65c	.25	$2.20
Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted ....⅛ oz., $1.00; ¼ oz., $1.75	.50	....
Teicher bi-annual mixed. Produces extraordinary large blooms in a fine range of colors; excellent for cutting ....⅛ oz., $2.50	.75	....
Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented ....¼ oz., $1.50	.50	5.00
Vaughan's Special Mixture. A mixture of Enfant de Nice, and Giant Margaret Mixed Vaughan's Early and Perpetual Flowering ....⅛ oz., $1.00	.50	....

For other Carnations, see Perennial Pages.

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight pikes of blooms.

Angelus Bell. Deep rose. Mission Bell. Clear pink.
Blue Bell. Light blue. Wedding Bell. White.
Liberty Bell. Violet blue.

		Trade pkt.	Oz.
Each of the above	¼ oz., 25c	$0.15	....
Mixed, All Colors	¼ oz., 25c	.15	....
Cardinal Climber	¼ oz., 55c	.25	$1.80

Celosia

		Trade pkt.	Oz
Childsii (Chinese Wool Flower)			
Crimson. Deep Rose. Yellow. 2 ft. Each,	¼ oz., 50c	$0.25	$1.75
Mixed. The above colors	¼ oz., 50c	.25	1.75
Cristata (Cockscomb)			
Tall, Crimson	¼ oz., 50c	.25	....
Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched	(300 seeds).	.50	....
Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft.	¼ oz., 80c	.25	3.00
Tall Sorts, Mixed	¼ oz., 25c	.15	.80
Nana Aurea. Dwarf, dark golden. 12 in.	¼ oz., 60c	.25	2.25
Empress. Crimson combs, dark foliage.	¼ oz. 60c	.25	2.25
President Thiers. Dark crimson. 12 in.	¼ oz., 80c	.25	....
Rosea. Dwarf. Dark rose combs. 12 in.	¼ oz., 60c	.25	2.25
Dwarf Sorts. Extra choice mixed	¼ oz., 60c	.25	2.25
Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size		.50	....
Plumosa (Ostrich Feather)			
Crimson	¼ oz., 50c	.25	1.80
Orange	¼ oz., 50c	.25	1.80
Scarlet	¼ oz., 50c	.25	1.80
Parrot's Feather, Mixed	⅛ oz., $1.00	.35	....
Pride of Castle Gould, Mixed	¼ oz., 50c	.25	1.80
Pyramidalis Flame of Fire. 18-20 in. Perfect pyramidal habit with head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet.	¼ oz., $1.50; ⅛ oz., 80c	.35	....
Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in.	⅛ oz., 65c; ¼ oz., $1.25	.25	4.00
Orange Feather. Golden orange. 15 in.	¼ oz., $1.25; ⅛ oz., 65c	.25	4.00
Mixed	¼ oz., $1.25c; ⅛ oz., 65c	.25	4.00
Thompsoni Magnifica, Mixed	¼ oz., 60c	.25	2.00
Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white	¼ oz., 35c	.20	....

CELOSIA, PYRAMIDALIS. FLAME OF FIRE
Trade pkt., 35c.

CENTAUREA Cyanus Super Giant Double Mixture

Centaurea

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May be sown out of doors just before freezing for early spring blooming.

Black Boy. Blackish maroon.
Blue Boy. Rich deep blue, very large flowers.
Pinkie. Deep pink.
Red Boy. Deep red.
Snowman. Best white.
Vaughan's Mixture of Super Giant New Varieties Mixed.
Each of above, Trade pkt., 15c; oz., 45c; 4 oz., $1.45; lb., $4.50

		Trade pkt.	Oz.
Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in.	¼ oz., 35c	$0.20	$1.00
Lilac Lady. Lilac 12 in.	¼ oz., 35c	.20	1.00
Americana (Basket Flower). Lilac, 4 ft.	lb., $6.00	.15	.60
Alba. White. 4 ft. Fine cut flower	lb., 6.00	.15	.60
Imperialis (Giant Sweet Sultan). 32 in.			
Amaranth, a rich plum color. Brilliant Rose.			
Deep Lavender. Lilacina, lilac center.			
Splendens, dark purple. Pure white.			
Each of the above		.15	.60
Mixed Colors		.15	.60
Suaveolens. Canary-yellow, 2 ft.	¼ oz., 25c	.15	.80
Vaughan's Special Mixture. Includes all the annual Centaurea sorts		.15	.60
Candidissima (Dusty Miller). White leaved for bedding. 6 in.	¼ oz., $1.00	.35	3.50
Gymnocarpa. Fine cut leaved variety with silvery foliage. 24 in.	lb., $6.00	.15	.60

See also Perennial Pages.

Cephalophyllum Acutum. Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower. 1000 seeds, $12.00; 100 seeds, $1.50.

CHRYSANTHEMUM Vaughan's Rainbow Mixed

Chrysanthemum

Chrysanthemums provide long stemmed cut flowers which are useful to a florist. The annual varieties, especially the Carinatum and Segetum, are probably most generally used. They are easily grown from seed, coming into flower early. Attractive colors both for inside or outside growing.

	Trade pkt.	Oz.
Carinatum Vaughan's Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cutflower this lovely Chrysanthemum will prove of outstanding value.....¼ oz., 60c	$0.30	$2.00
Carinatum, Burridgeanum. White, crimson zone...	.15	.40
Eclipse (Chameleon). Brown and yellow. 20 in..	.15	.40
Northern Star. Giant white flowers with light yellow center and black disc, 20 in.....	.15	.40
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in.....	.15	.40
The Sultan. Dark copper, yellow ring, 20 in....	.15	.40
Single Mixed.....	.15	.40
Coronarium. Golden Crown. The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft.....¼ oz., 65c.	.25	2.20
Frutescens (Paris Daisy). White, 30 in. ¼ oz., 50c	.25	....
Goldwings. 3 ft. Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season.....¼ oz., 50c	.25	....
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in. ¼ oz., 50c	.25	1.80
Segetum Eastern Star. Light yellow with dark center and yellow ring, 20 in.....	.15	.40
Eldorado. Bright yellow, dark brown disc.....	.15	.40
Gloria (Morning Star). Primrose flowers, 20 in..	.15	.40
Vaughan's Double and Single Mixed, annual sorts.	.15	.60

See also Perennial Pages.

Cineraria Maritima Candidissima (Dusty Miller).....¼ oz., 25c	.15	.90
This variety of "Dusty Miller" is preferred by the staff of the Garfield Park, Chicago, Illinois as they have found these plants do not rot as the Centaurea Candidissima is apt to.		
Maritima Diamond. Leaves pure white..¼ oz., 25c	.15	.90

Cineraria Hybrida

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.75; 1/32 oz., $3.00; 1/16 oz., $5.50.....1000 seeds	$1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. .....1/64 oz., $2.20; 1/16 oz., $7.50; 1/32 oz., $4.00	1.50	....
Cremer's Improved Prize Strain. Originator's Packet.	1.50	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist. 1/64 oz., $2.50	1.00	....
Vaughan's Special Mixture of Cremer's, Siter's and Gold Center.....1/32 oz., $3.75; 1/64 oz., $2.00	1.00	....
Multiflora Nana. Mixed, all colors,..... .....1/64 oz., $1.60; 1/32 oz., $2.80;	1.00	....
Multiflora Grandiflora Maxima. Choicest Mixed. Large flowers, freely produced, 12 to 16 in. The foliage is in rosettes, similar to the Multiflora Nana, only the single leaves are larger.....	1.25	....
Potsdam Strain. Mixed. (Berlin Market or Weissensee. American grown seed. The plants are taller and flowers larger than Cremer's..... .....1/64 oz., $1.75; 1/32 oz., $3.00	1.00	....
Siter's Rainbow Strain. Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's. .....1/32 oz., $4.50; 1/64 oz., $2.50	2.00	....
Star Cineraria (Cineraria Hybrida Polyantha). Feltham Beauty. Fine small flowering variety for cutting and decorative purposes, nearly all have white centers. 2 ft.....1000 seeds	.75	....

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

We were the introducer of this magnificent strain several years ago. It is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

1/32 oz., $3.50; 1/64 oz., $2.00; 500 seeds, 60c; 1000 seeds, $1.00.

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Albatross. Pure white
Purple Prince. Rich purple.
Rosy Morn. Beautiful rose.
Scarlet Queen.
Salmonea Perfecta. True salmon.
Vaughan's Special Mixture.

Each of the above Trade pkt., 15c; ¼ oz., 30c; oz., $1.00.

	Trade pkt.	Oz.
Cleome Pungens (Giant Spider Plant). Light rose...	$0.15	....
Lutea (Golden Cleome). Bright golden orange flowers.....¼ oz., 60c	.25	$2.00
Giant Pink Queen. A tall and attractive border plant, with huge heads of delightful and refreshing pink,. The large flower bracts turn to white before falling, giving an appearance of a white collar with a pink cap. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.....¼ oz., 50c	.30	1.80
Clianthus Dampieri (Glory Pea of Australia) dark red and black, 24 in.....	.35	....
Clitoria Ternatea. Graceful vine covered with hundreds of fan shaped deep blue flowers with soft yellow throats.....¼ oz., $1.25	.35	4.00
Cobaea Scandens. Purple.....¼ oz., 30c;	.15	1.00
Cockscomb. See Celosia.		
Coix Lachrymae. Corn Beads, Job's Tears. lb., $2.00	....	.20

COLEUS Glory

	Trade pkt.	Oz.
Coleus Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants.	$1.00	....
Extra Choice, large-leaved, mixed	1.00	....
Vaughan's Rainbow Mixture. The above and others ....1/16 oz., $1.50	.60	....
Corn. Ornamental Indian Squaw. Multi-colored kernels....lb., $1.00	....	$0.15
Convolvulus Major (Morning Glory) Mixed, lb., $1.00	....	.15
Crimson Rambler. Bright ruby red.... ¼ oz., 25c	.15	.75
Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders....¼ oz., 60c	25	2.00

Cosmos

Sensation Mixed. Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud....¼ oz., 35c	.20	1.20
Dazzler. Crimson....¼ oz., 50c	.20	1.60
Pink Sensation....¼ oz., 35c	.20	1.20
White Sensation....¼ oz., 35c	.20	1.20
Double Early-Flowering. Pink, White or Red. They come about 75 percent double....¼ oz., 60c	.30	2.00
Double Early Flowering. Mixed....¼ oz., 60c	.30	2.00
Orange Flare. A tropical plant, it should not be sown outdoors until the ground is warm, and if started indoors, it should be given bottom heat of at least 70 degrees. Give it full sun in the garden. Cut flowers should be taken when newly opened....¼ oz., 25c	.15	.80
Semi Double Orange Ruffles. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Extremely free blooming,....¼ oz., 35c	.15	1.00
Yellow Flare. 3-4 ft. Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow. Free blooming on long wiry stems airy serrated foliage....¼ oz., 35c	.15	1.00

	Trade pkt.	Oz.
Cuphea Firefly. This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months.... ....1/8 oz., 60c; ¼ oz., $1.00	$0.25	....
Avalon Hybrids. Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliaged plants with flowers of lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion, with all intermediate shades.... ....1/16 oz., 60c; 1/8 oz., $1.00	.25	....
Cordyline. See Dracaena.		
Coreopsis. See Perennial Pages.		
Cornflower. See Centaurea Cyanus.		
Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass....¼ oz., 30c	.15	$1.00
Fairy Blue. Deep Cambridge or azure blue....	.15	.80
Firmament. A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. Does not grow weedy or rank....¼ oz., 30c	.20	1.00
Pink....¼ oz., 30c	.15	1.00
Cyperus Alternifolius (Umbrella Plant).....	.35	....

COSMOS Sensation Mixed

Cyclamen—Persicum Giganteum

☞ **Our Cyclamen seed has been grown by experienced American growers who have specialized in this item for years.**

Cyclamen prices are net. 250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1000 Seeds
Beardse's Wonder. A new salmon with white border. Strong grower, of compact habit. Very profuse bloomer	$2.50	$20.00
Bonfire. Brilliant salmon	2.25	20.00
Bright Red	1.75	16.00
Dark Blood Red	1.75	16.00
Lavender	1.80	....
Morning Red (Sunrise). Light salmon, dark eye	2.20	18.00
New Ruffled, Mixed	2.30	21.00
Orange Beauty. Orange vermilion	2.30	21.00
Pink Pearl. Salmon-pink	2.30	.....
Pure Rose	1.80	16.00
Pure White	1.75	16.00
Saffron Red	2.20	18.00
Saffron Red Silver Edge	2.40	.....
Salmon Scarlet (America Improved)	2.30	21.00
Salmon-Rose Improved	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)	2.20	18.00
Salmon Light (Rose of Zehlendorf)	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)	1.80	16.00
White with Carmine Eye	1.75	16.00
Vaughan's Florist Mixture	1.75	15.00

Double Cyclamen

This strain comes about 80% true from seed.
Admiration. A beautiful salmon-rose with shaded eye.
Cerise Brilliant. A good Christmas red.
Prosperity. An azalea type, flaming rose color.
Rosea. A soft rose with a coral cast, shading lighter at petal tips.
Double Mixed. The four above.

Each of the above, 100 seeds, $3.50; 250 seeds, $7.00; 500 seeds, $13.00.

Type of Our Cyclamen Persicum Giganteum

DAHLIA Unwin's Dwarf Hybrids XXX Strain. A Splendid Pot Plant Item for Mothers' Day.

Dahlborg Daisy. The thrifty little plants grow about 8 inches high and a foot wide, and are quite covered with small yellow daisy-like flowers. Absolute uniformity and early and continuous flowering are two important points in their favor..... ⅛ oz., $1.20. Trade pkt. $0.50 Oz. ....

Dahlia

These are easily grown from seed and will bloom first year if sown early.

UNWIN'S DWARF HYBRIDS

(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mothers' Day. Trade pkt., 25c; ¼ oz., 65c; oz., $2.20; 4 oz., $6.50.

	Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed	$0.50	....
Selecta. An extra choice strain ⅛ oz., $1.50	.75	....
Salbach's Selected Mixed 100 seeds, 1.75	....	....
Salbach's Choice Mixed 100 seeds, .75	....	....
Single Coltness Hybrids, mixed. 1 ft. ¼ oz., .45	.25	$1.60
Scarlet. Bright scarlet ¼ oz., .50	.25	1.80
Yellow ¼ oz., .50	.25	1.80
White ¼ oz., .50	.25	1.80
Unwin's Ideal Bedding. Twisted petals, double and semi-double in many charming shades. ¼ oz., 65c	.25	2.20
Zulu. Dwarf double, dark leaved, mixed	.35	....
Vaughan's Special Double Mixed ⅛ oz., $1.10	.50	....
Datura Fastuosa Double White. 40 in.	.20	1.40
Didiscus Coeruleus, Lavender Lace Flower, blue. 2 ft. ¼ oz., 35c	.20	1.20
Vaughan's Improved Wilt-Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart; does not transplant well. Not over Carnation temperature needed. ⅛ oz., $1.00; ¼ oz., $1.75	.50	6.00

DIANTHUS Vaughan's Special Double Mixed

Dianthus — Annual Pinks

		Trade pkt.	Oz.
Chinese Double Mixed	½ oz., 60c	$0.20	$1.00
Heddewigii fl. pl. Fireball. Double, brilliant dark scarlet	¼ oz., 40c	.20	1.40
Single Mixed		.15	.60
Double Mixed	¼ oz., 35c	.20	1.20
Gaiety. Very large, showy fringed flowers; wide range of lovely colors, pure white to crimson	¼ oz., 70c	.35	2.40
Laciniatus Splendens. The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft	¼ oz., 35c	.20	1.20
Salmoneus. Single, salmony scarlet, 8 in	¼ oz., 35c	20	1.20
Fl. pl. Double salmon	¼ oz., 70c	.35	2.40
Snowball. Double white;	¼ oz., 35c	.20	1.20
Vaughan's Special Mixed, Double and Single Pinks	½ oz., 60c	.20	1.00
Vaughan's Special Mixture, Single Pinks.	½ oz., 60c	.20	1.00
Vaughan's Special Mixture, Double Pinks.	½ oz., 60c	.20	1.00

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

		Trade pkt	Oz.
Single Mixed	¼ oz., 40c	$0.20	$1.40
Double Mixed	¼ oz., 60c	.25	2.20

Barbatus. See Perennial Pages.

Plumarius. See Perennial Pages.

Digitalis. See Perennial Pages.

		Trade pkt.	Oz.
Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden orange flowers. 12 in	¼ oz., 40c	$0.15	$1.40
Aurantiaca, New Hybrids	¼ oz., 30c	.15	1.00
Ecklonis. White, dark blue center	¼ oz., 60c	.25	2.20
Glistening White. 6-8 in. The flowers are large, 4 in. across, the purest of all white flowers with a violet halo across its back center	¼ oz., 60c	.25	2.20
Golden West. Yellow orange center	¼ oz., 30c	.15	1.00
Salmon Beauty. Soft salmon pink	¼ oz., 35c	.20	1.20
White Beauty. Pure white	¼ oz., 35c	.20	1.20
Dolichos Lignosus, Australian Pea Vine. Purple		.20	1.00
Dracaena Indivisa. Narrow-leaved	lb., $5.00	.15	.50
Dracocephalum Ruyschianum. Dark blue. 1 ft		.35	....
Dusty Miller. See Centaurea and Cineraria.			
Echium Blue Bedder. Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers. Blooms in six weeks from sowing until frost. Good for cemetery use	¼ oz., 35c	.20	1.20
Erysimum Perofskianum. Orange. 2 ft		.15	.60

Escholtzia

California, Dwarf Erecta. 1 ft.			
Ramona. Golden bronze, coppery rose outside. A compact flower, beautifully frilled and curled.	¼ oz., 45c	.15	1.40
California, Spreading Varieties. 1 ft.			
Aurantiaca. Orange		.15	.60
Golden West. Yellow-orange center		.15	.50
Mandarin. Inside petals orange, outside scarlet		.15	.50
Double and Semi-Double.			
Robert Gardiner, orange	¼ oz., 45c	.15	1.40
Monarch Art Shades. Semi-double, and of exquisite formation, the colors range through light rose and carmine, and from deep golden yellow through all the varying tones to orange and scarlet.	¼ oz., 50c	.25	1.80
Vaughan's Special Mixture	½ oz., 45c	.20	.80
Hunnemannia (Bush Escholtzia). Yellow. 18 in		.15	.60
Euphorbia Heterophylla (Mexican Fire Plant). 3 ft.	¼ oz., 30c	.15	1.00
Variegata (Snow-on-the-Mountain). Foliage edged white and green. 2 ft	lb., $5.00	.15	.50
Everlasting Flowers. Annual. See Acroclinium, Helichrysum, Xeranthemum, Gomphrena and Statice.			
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Physalis and Statice.			
Felicia. Rotundifolia 6 in. × Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue		.50	....

Fern Spores

Adiantum Cuneatum	Cyrtomium Rochfordianum compactum
Adiantum Hybridum	Pteris albo-lineata
Adiantum Hispidulum	Pteris serrulata
Adiantum Wrightii	Pteris serrulata cristata
Cibotium Schiedei	Pteris tremula
Aspidium tsussemense	Pteris Wilsonii
Cyrtomium falcatum	Pteris Wimsettii
Cyrtomium Rochfordianum (Holly Fern)	Pteris Wimsettii multiceps
	Pteris Rivertoniana

Any of the above, per trade packet, $1.00.

Feverfew. See Matricaria and Pyrethrum.

Forget-Me-Not. See Perennial Pages.

Foxglove (Digitalis). See Perennial Pages.

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January with nice large blooms and long stems.

		Trade pkt.	Oz.
Freesia Refracta Alba Pura. Pure white.	¼ oz., 80c	$0.35	$2.80
Hybrida Dalrymple Special Strain. Large sweet-scented flowers borne on long stems, in blue, lavender and many shades of yellow. The best strain available	100 seeds, $1.00; 1000 seeds, $8.00		

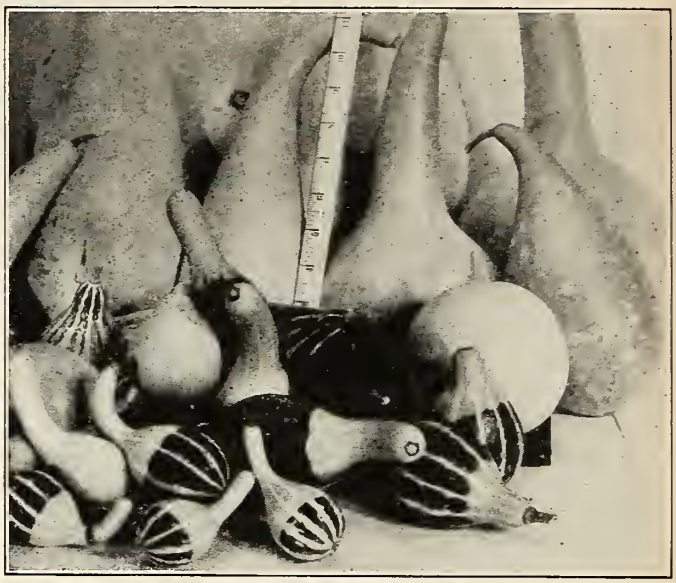
	Trade pkt.	Oz.
Gaillardia Picta. Single mixed..... ½ oz., 35c	$0.15	$0.60
Indian Chief. The plants are covered with attractive flowers of deep coppery scarlet, the bronzy red color is accentuated by a dark brown center. The plants are of the bedding type, as it makes dense bushy plants that grow about 12 in. tall. .....¼ oz., 25c	.15	.80
Lorenziana. Double mixed, 20 in.....¼ oz., 25c	.15	.80
Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall.....¼ oz., 65c	.25	2.20
Garden Heliotrope. See Valeriana, Perennial Pages.		
Gazania. Splendens Hybrida Grandiflora. Mixed. ..... ¼ oz., 80c	.25	....
Geranium Zonale Newest Large Flowering Flowerland Strain. Improved single large-flowered seed saved from name varieties. Include seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. ⅛ oz., $1.00		
Gilia Capitata. Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter. 2 ft.....	.15	.50
Globe Amaranth Mixed (Gomphrena). Fine everlasting that can be used for fresh cut flowers and winter bouquets..... ¼ oz., 30c	.15	1.00
Globosa Rubra (red-purple)..... ¼ oz., 30c	.15	1.00
Orange (Haageana). Flower looks like a ripe strawberry; a fine everlasting.....¼ oz., 30c	.15	1.00

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order.

SMALL FRUITED	Trade pkt.	Oz.
Apple-Shaped.....	$0.15	$0.50
Bottle, Miniature.....	.15	.50
Crown of Thorns, also known as Finger Gourd, Holy Gourd, Gourd of the Ten Commandments and Sugar Bowl. Ten prongs extend from the ridges or angles, standing free from the front part of the fruit. The shell is hard and durable, as in other yellow-flowered gourds. Fruit is white or ivory white.....	.15	.80
Flat Striped. Green and white stripes.....	.15	.50

GYPSOPHILA Elegans Grand. Alba. London Market



ORNAMENTAL GOURDS

GOURDS Small Fruited—Continued	Trade pkt.	Oz.
Nest Egg. Practical nest eggs.....	$0.15	$0.50
Orange. The well known Mock Orange.....	.15	.50
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens.....	.15	.80
Pear Bicolor. Green and white.....	.15	.50
Pear-Shaped. Striped yellow and green.....	.15	.50
Pear-Shaped. White.....	.15	.50
Spoon. Small ball-shaped fruit with slender neck, deep orange. By slicing off a side a satisfactory spoon is made.....	.15	.60
Warted Sorts Mixed.....	.15	.50
Small Fruited Varieties Mixed.....	.15	.50

LARGE FRUITED		
Bird's Nest.....	.15	.50
Bottle. Large. The original Thermos bottle. Makes fine bird house.....	.15	.50
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes.....	.15	.50
Cave Man's Club. Also called Dolphin and Maranku. Knobby, club shaped, dark green.....	.15	.50
Dipper. Fruit makes an excellent dipper and may be used for bird house.....	.15	.50
Dishcloth or Towel. The fruit is made of a spongy-like porous pulp, which may be dried and used as a sponge. The fruit is eaten when young, being cooked like squash.....	.15	.50
Green Snake.....	.15	.80
Hercules' Club. Fruit grows 3 to 4 ft. long.....	.15	.50
Turk's Turban. Ornamental, brightly colored.....	.15	.50
Sugar Trough. Thick shells, very durable.....	.15	.50

Sow with Gourds for Decorative effect. Corn, Squaw, on page 17 and Martynia Proboscidea on page 24.

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses, and utensils, are included in this mixture. Trade pkt., 15c; oz., 50c.

Gypsophila

	Trade pkt.	Oz.
Elegans Grandiflora Alba, London Market. Special Florist strain.....¼ lb., 65c; lb., $2.25	...	$0.25
Large flowered, pure white. A very fine strain. .....¼ lb., 55c; lb., $1.80	...	.20
Elegans Carminea. Deep rose.....¼ oz., 45c	$0.15	1.40
Crimson.....¼ oz., 35c	.15	1.00
Muralis. Dwarf, pink. Fine border and rock garden plant, 6 in.....¼ oz., 40c	.25	1.40

IPOMOEA Clark's Early Flowering Heavenly Blue

Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.25.

	Trade pkt.	Oz.
Vaughan's Beacon Flowers, rich dark red, flexible leaves ..... 1,000 seeds	$1.00	....

Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft.

	Trade pkt.	Oz.
Mixed ..... ¼ oz., 25c	$0.15	$0.80

	Trade pkt.	Oz.
Grevillea Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants. ..... ¼ oz., 40c	$0.15	$1.20
Helianthus Chrysanthemum Flowered Extra Dwarf Select	.15	.60
Sun Gold. 4 to 5 ft. Brilliant golden yellow, large double globe shaped flowers. Free blooming, 100% double, even and true shape. Excellent for cutting. ..... ¼ oz., 25c	.15	.80

Helichrysum Monstrosum Fl. Pl. (Strawflower).

Canary Yellow	Golden Ball	Salmon Queen
Crimson	Rose Queen	Silvery Pink
Fireball	Silver Ball	Violet Queen

Each of the above ..... ¼ oz., 30c	.15	1 00
Vaughan's Special Mixture ..... ¼ oz., 30c	.15	1 00
Heliotrope. Will bloom from seed in four months. Dark Varieties. Mixed ..... ¼ oz., 70c	.35	2.60
Mammoth Flowered. Mixed. ⅛ oz., 65c; ¼ oz., $1.20	.35	4 00
Queen Marguerite. Dark blue	.35	....
Honesty. See Lunaria Biennis. Perennial Pages.		
Hunnemannia. Fumariaefolia (Bush Escholtzia). Does well in greenhouse; grow cool, 18 in	.15	.60
Sunlite. Double bright canary-colored flowers. Gray-green foliage. 2 ft. ..... ¼ oz., 50c	.25	1.60
Ice Plant. See Mesembryanthemum.		
Impatiens Holstii. New Hybrids, extra choice. These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure ..... 1000 seeds, 90c; 500 seeds,	.50	....

IPOMOEA

	Trade pkt.	Oz.
Ipomoea. Bona Nox (Evening Glory), large, blue ...	$0.15	$0.50
Single Best Fringed Mixed	.20	.80
New Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive ..... ¼ oz., 45c	.20	1.40
Noctiflora (Moonflower). White secded	.15	.50
Clark's Early-Flowering Heavenly-Blue. The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks) ..... ¼ lb., $2.00	.20	.70
Improved Early-Flowering Heavenly Blue. More intense blue	.20	.80
Pearly Gates. A big satiny white, with a creamy shading in the throat, gives this a beautiful appearance. Plant with Heavenly Blue and Crimson Rambler or Scarlett O'Hara for red, white and blue effect. Reaches 12 feet, with luxurious foliage ..... ¼ oz., 45c	.35	1.40
Rose Marie. Double rose flowers ..... ¼ oz., 25c	.15	.80
Scarlett O'Hara. Flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes ..... ¼ oz., 35c	.20	1.00
Setosa (Brazilian Morning Glory). Red	.15	50

Jacaranda Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants. 100 seeds, 50c; 1,000 seeds, $3.50.	....	....
Kalanchoe Globulifera., Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant .... 1/64 oz., $1.80; 3,000 seeds, $1.20; 1,500 seeds	.60	....
Gold Hybrids. It contains all shades from yellow to orange. The flowers last as long as those of the type but twice as large and are borne in clusters on stiff stems. It is advisable to bench them when the third leaf pair has reached sufficient size. The soil should not be too rich	1.25	....
Hybrida "Flame". In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes	1.25	....
Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. 1/64 oz., $4.00; 1,000 seeds, $1.25	....	....
Kochia Childsii (Summer Cypress)	.10	.25
Lantana Dwarf. Hybrida. Mixed. Sow early and give bottom heat ..... ¼ oz., 55c	.25	1.80
Lathyrus Latifolius. See Perennial Pages.		
Lavatera Alba Splendens. Pure white. 30 in. ¼ oz., 30c	.15	1.00
Splendens Loveliness. (Sunset). Glowing rose-pink flowers, bronze foliage ..... ¼ oz., 30c	.15	1.00
Lavender Lace Flower. See Didiscus coeruleus.		
Lemon Verbena (Aloysia Citriodora). Fine pot plant. ..... ¼ oz. 75c	.35	....
Leptosiphon. French hybrids. 10 in. Free flowering star-shaped flowers in many colors ..... ¼ oz., 25c	.15	.80
Leptosyne Maritima. Yellow. 24 in ..... ¼ oz., 30c	.15	1.00
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing. 18 in ..... ¼ oz., 30c	.15	1.00
Golden Rosette. A double form of Stillmanii with deep butter-yellow flowers. Very free flowering	.25	....

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

GIANT DOUBLE IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.
Blue Cockade. Rich lilac blue.
Blue Spire. Dark blue.
Carmine King.
Coral King. Blush pink with a suffusion of coral.
Daintiness. Delicate lavender.
Dazzler. Rich scarlet.
Exquisite Pink Improved. Salmon-pink.
Gloria Improved. Rich, deep rose-salmon.
Lilac King.
Lilac Spire. Beautiful lilac color.
Los Angeles Improved. Salmony scarlet.
Miss California. Deep pink on salmon.
Pink King. One of the best pinks.
White King. Glistening pure white.

Each of the above, trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

STOCK-FLOWERED—4 ft.

Ageratum Blue
Dark Blue.
Lilac Supreme. Deep lilac
Rosamond. Pure rose.
White

Each of the above. Trade pkt., 25c; oz., 70c; lb., $7.00.

	Trade pkt.	Oz.
Vaughan's Special Mixed Stock Flowered..lb., $7.00	$0.25	$0.70

SUPER MAJESTIC—5 ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers—5 ft.

Lavender
White
Rose Pink

	Trade pkt.	Oz.
Each of the above .....lb., $15.00 ¼ oz., 50c	$.35	$1.50

EMPRESS—3 ft.

Rose Bud. Deep salmon-pink.....¼ oz., 50c	.35	1.80

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Dark Blue
Pink
White
Lilac
Purple

	Trade pkt.	Oz.
Each of the above.....lb. $16.00 ¼ oz., 50c	$0.30	$1.60
Mixed Improved Giant Hyacinth Fld.....lb., $16.00; ¼ oz., 50c	.30	1.60

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, dark foliage.....¼ oz., 60c	.25	2.00
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit.....¼ oz., 85c	.25	3.00
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue.....¼ oz., 70c	.25	2.40
Opal. Rich opal blue, large flowered, compact..	.35	....
Mrs. Clibran. Deep blue, white eye..¼ oz., 70c	.25	2.40
Speciosa. Dark flowers and foliage. 10 in.....	.25	....
Emperor William. Dwarf, gentian-blue, light foliage. 4 in.....¼ oz., 70c	.25	2.40
Pumila Splendens, Bedding Queen. Regret not obtainable; Mrs. Clibran best substitute.		
Alba, Snowball. 4 in.....	.25	....
Sutton's Cambridge Blue. Light blue with green foliage.....¼ oz., 95c	.25	....
Dwarf Sorts, Mixed.....¼ oz., 65c	.25	....

ANNUAL LARKSPUR GIANT IMPERIAL

LOBELIA Erinus—Continued	Trade pkt	Oz.
Prima Donna. Velvety maroon. 10 in.....	$0.25	.....
Pendula (for hanging baskets) Angelina. Pure white large flowers.....	.35	.....
Sapphire. Large deep navy-blue with white eye. .....¼ oz., $1.00	.35	....
Tenuior ramosa nana compacta blue. Fine Gentian Blue. 1⅓ ft.....¼ oz., 90c	.35	$3.00
Leucocoryne Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white center, charming for cutting.....⅛ oz., (About 3000 seeds), $1.50	.75	....
Leucanthemum. See Chrysanthemum Maximum in Perennials.		
Lilium. See Perennial Pages.		
Linaria Maroccana Excelsior, mixed. 12 in.....	.15	.60
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. ¼ oz., 45c	.20	1.40

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue. 24 in.....	$0.15	$0.60
Light Blue. Cambridge-Blue.....	.15	.60
Rose.....	.15	.60
White.....	.15	.60
Rose Queen. Rose-pink, semi-dwarf.....	.15	...
Mixed	.15	.60

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue
King Heliotrope
King Mixed
King Sky Blue
King White

	Trade pkt.	Oz.
Each of the above .....lb. $8.00	$0.20	$0.80

MARIGOLD SUNSET GIANT

Marigold

MARIGOLD WITH ODORLESS FOLIAGE

Burpee Gold—Carnation Flowered
Crown of Gold—Collarette
Golden Glow
Honeycomb

TALL AFRICAN DOUBLE IMBRICATED

		Trade pkt.	Oz.
Guinea Gold. Orange flushed gold, producing many medium sized flowers. 2½ ft	¼ oz., 50c	$0.25	$1.60
Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft	¼ oz., 50c	.25	1.60

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon	¼ oz., 50c	.25	1.60
All Double Orange	¼ oz., 50c	.25	1.60
Lemon Queen, Los Angeles Florist Strain. All double.	4 oz., $5.00; ¼ oz., 50c	.25	1.80
Prince of Orange, Los Angeles Florist Strain. All double	4 oz., $5.00; ¼ oz., 50c	.25	1.80
Mixed All Double Los Angeles Florist Strain.	¼ oz., 50c	.25	1.80

OTHER VARIETIES

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across	¼ oz., 50c	.25	1.60
Red and Gold Hybrids. They grow 2½ to 3 in. across. Some are solid red; others are delightful combinations of red and gold	¼ oz., $1.00	.35	.....
Carnation Flowered Orange Supreme. Flowers are very large, 4 to 5 in. across, perfectly double, with an attractive peony-like appearance. The intense orange flowers are borne on long, stiff stems, making them most desirable for cutting. Plants are much branched, upright growing, 2½ to 3 ft. tall	¼ oz., 50c	.25	1.60
Chrysanthemum Flowered Hybrids. A mixture of many types, in shades of orange, yellow and primrose.	¼ oz., 50c	.25	1.60
Golden Glow. Somewhat resembles in color and appearance the Rudbeckia Golden Glow. Petals are straight, sharply pointed and rather flat. Blooms about 2½ inches across and borne in clusters, odorless foliage	¼ oz., 50c	.25	1.60

MARIGOLD Other Varieties—Continued

		Trade pkt.	Oz.
Goldsmith. The best version of the Chrysanthemum-flowered Marigold which blossoms early enough for northern gardens. Globular flower with incurved petals, borne on long base branching stems, 3 ft. tall	¼ oz., 65c	$0.35	$2.20
Idabelle Firestone. Flowers fully double, 2 to 2½ in. across, bright reddish mahogany, and borne on very long clean stems. Plants are quite large and vigorous, often reaching a height of 3 ft. and spreading as much across. Feathery green foliage and with the same odor as found in all French sorts	¼ oz., 50c	.25	1.60
Limelight. A pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved Chrysanthemum flowered type. Early and free flowering. Not odorless. 1½-2½ inches in diameter. 20 in	¼ oz., 50c	.25	1.60
Mission Giant, Yellowstone. Bright rich clear yellow counterpart to Goldsmith, with large 2½ inch flowers, on luxurious, large plants. Late blooming and lasting until frost. Flowers are of double, incurved, Chrysanthemum-like form, and very attractive. Uniformly 3 to 5 feet tall	¼ oz., 65c	.35	2.20
Mammoth Mum 30 in. Honorable mention in the All America Selection of 1944. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3½ in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold	⅛ oz., 60c; ¼ oz., $1.00	.35	3.00
Early Sunshine. 2½ inches across and 1½ inches deep and they are extremely early. Bright lemon-yellow flowers most profuse. Ideal for cutting	¼ oz., 50c	.20	1.60
Vaughan's Marigold Treasure Chest. 2½ to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Colors run from the deepest orange to lightest primrose. Flowers are of many shapes, but mostly of the Carnation and Peony-flowered forms. They are large, many 5 in. across, with the average somewhat over 4 in. Some begin to bloom early, some midseason and others late	¼ oz., 50c	.25	1.80
Collarette Crown of Gold, Orange. 2½-inch flowers, crested center, broad guard petals, odorless foliage.	¼ oz., 40c	.25	1.20
Sunset Giants. Huge flowers with a color range through orange-yellow and primrose	¼ oz., 50c	.25	1.80
Vaughan's Special Mixture Tall African Double Mixed.	¼ oz., 50c	.25	1.60

SINGLE TALL FRENCH

Lieb's Winter-Flowering. Mahogany-brown with golden yellow-crested center. 4½ ft	¼ oz., 60c	.25	2.00
Lieb's Winter-Flowering Sunshine. Golden orange, yellow center	¼ oz., 60c	.25	2.00

SINGLE DWARF FRENCH, 1 ft.

Fire Cross. Saffron orange with a brown-red center		.15	.60
Legion of Honor (Little Brownie). Yellow and brown		.15	.60
Wildfire. 14 to 20 in. Cross between African and French Marigolds. Flowers 2 to 3 in. across in full range of colors found in the French type; vary in shape and markings. Will bloom within eight weeks from time seed is sown and flower until frost	¼ oz., 50c	.25	1.60

MEXICAN MARIGOLD
For Pots and Edging

Gnome. Absolutely uniform in growth and color. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers	¼ oz., 50c	.25	1.60

DOUBLE DWARF AFRICAN

Honeycomb. 15 in. This odorless deep orange belongs to the Double Dwarf African type. Peculiar and unusual formation makes it a distinct variety	⅛ oz., 70c	.35	....
Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety	¼ oz., 50c	.25	1.60

MARIGOLD Harmony Type

MARIGOLD—Continued

	Trade pkt.	oz.
DOUBLE DWARF FRENCH		
Dwarf Coronet Improved Plants average 9 inches in height. Small scabiosa like flowers golden yellow in center and deep mahogany red collar. Plants compact, free blooming and early. The Pennsylvania State College states in their report of annuals for the fall of 1943 that "it is very uniform and one of the outstanding samples of the year." ....¼ oz., 45c	$0.25	$1.40
Harmony. Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting....¼ oz., 30c	.15	1.00
Double, Butterball. Most attractive, very compact, Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Bright and luminous bedding or edging variety. Rich, dense foliage, well covered with small 1¼ inch blooms. This makes a nice pot plant ....¼ oz., 50c	.25	1.80
Melody. Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer....¼ oz., 45c	.25	1.40
Spotlight. Rich yellow bordered mahogany red, 1¾ in.; very early flowering. 100% all double. ¼ oz., 45c	.25	1.40
Sunkist. It is a dwarf, compact, very early, continuous blooming. It comes practically true, 6 to 12 inches tall, and the many attractive orange colored flowers are to 1½ inches across. Grand for bedding, edging and pot-culture....¼ oz., 70c	.35	2.40
Scarlet Glow. A distinct bright bronzy red color; 1¾ to 2 inches across. Some flowers show russet and gold, but as a whole it is probably the largest and brightest red double French sort. Compact bushy growth of about 12 inches...¼ oz., 50c	.25	1.60
Spry. Extra dwarf, double French type; compact and uniform, so may be used for edging. About 9 inches tall, early blooming, with very light orange crested center and maroon outer petals. For illustration in color see Inside front cover... ....4 oz., $5.80; ¼ oz., 50c	.25	1.80
Vaughan's Special Mixture of Newer Varieties of Dwarf French including Spry, Butterball, Sunkist, etc....¼ oz., 50c	.25	1.60
LILLIPUT DOUBLE DWARF, 8 in.		
Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1¼-in. blooms, rather free and exciting for edging beds....¼ oz., 35c	.20	1.20
Martynia Proboscidea (Unicorn Plant). Creamy flowers. Decorative seed pods	.15	.80
Marvel of Peru. Mixed....lb., $2.20	...	.20
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants are literally covered with one inch flowers of the most delightful shades imaginable. Need full sun and lots of water.... ....¼ oz., $1.00	$0.35	....
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in....	.20	$1 00
Microsperma, Golden Tassel. It forms a compact plant 8 to 9 inches high of perfect shape with handsome light green foliage like that of a Chinese Primula. The upright-growing bright chrome yellow flowers, consisting of a graceful five-lobed trumpet-shaped corolla 2 inches across, are adorned with a multitude of similarly colored stamens. Sowings should be made about the end of February to March, the seedlings re-potted and put out of doors at the end of May....	.35	....
Mignonette True Machet, Vaughan's Selected Stock. ....¼ oz., 30c	.15	1 00
Goliath. Red, fine....¼ oz., 30c	.15	1.00
Golden Goliath. Immense golden yellow spikes.... ....¼ oz., 30c	.15	1 00
New York Market. For greenhouse culture....	.50	....
Mimosa Pudica (Sensitive Plant)....¼ oz., 30c	.20	1.00
Mimulus Moschatus (Musk Plant)	.25	....
Tigrinus. Mixed Single Monkey Flower....	.25	....
Large-Flowering. Single, mixed....	.35	....
Red Emperor. Bright crimson scarlet....	.25	....

Nasturtium

DOUBLE TALL FRAGRANT VARIETIES

	Oz.	¼ lb.	Lb.
Golden Gleam. Semi-double, yellow....	$0.25	$0.70	$2.40
Fire Gleam. Vivid orange scarlet....	.25	.70	2.40
Indian Chief. Foliage dark green, vivid scarlet flowers....	.25	.70	2.40
Orange Gleam. Orange....	.25	.70	2.40
Salmon Gleam. Golden salmon....	.25	.70	2.40
Scarlet Gleam. Bright orange-scarlet, fragrant...	.25	.70	2.40
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers....	.25	.70	2.40

DOUBLE DWARF FRAGRANT VARIETIES

	Oz.	¼ lb.	Lb.
Golden Globe. Yellow....	$0.25	$0.70	$2.40
Globe of Fire (Scarlet Gem)....	.25	.70	2.40
Gem Mixed....	.25	.70	2.40

DWARF SINGLE SORTS

Vaughan's Special Dwarf Mixture. Contains a percentage of double flowers....	.20	.60	2.00

TALL SINGLE MIXTURE

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids.	20	.60	2.00

NASTURTIUM Double Glorious Gleam Hybrids

	Trade pkt.	Oz.
Nicotiana Affinis. White, sweet-scented. 32 in.	$0.15	$0.60
Affinis Hybrids. Mixed colors. 32 in.	.15	.60
Crimson Bedder. Rich deep crimson...¼ oz., 50c	.25	1.80
Nana. Crimson Flame...⅛ oz., 50c	.25	....
Sanderae. Crimson King. 30 in.	.15	.80
Hybrids. Mixed. 30 in.	.15	.80
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant...1/16 oz., 70c	.25	....
Nemesia Strumosa Suttoni. Orange. 12 in. ¼ oz., 80c	.25	....
Strumosa Suttoni. 12 in. Scarlet...¼ oz., 80c	.25	....
Rose...¼ oz., 80c	.25	....
White...¼ oz., 80c	.25	....
Mixed...¼ oz., 75c	.25	2 60
Nana Compacta Blue Gem. Blue. 8 in. ...⅛ oz., 50c; ¼ oz., 90c	.25	....
Edelweiss (White Gem). 8 in.	.35	....
Fire King. Scarlet. 8 in...⅛ oz., 50c; ¼ oz., 90c	.25	....
Orange King. Orange. 8 in. ⅛ oz., 50c; ¼ oz., 90c	.25	....
White Queen. White...⅛ oz., 50c; ¼ oz., 90c	.25	....
Triumph. Mixed...¼ oz., 75c	.25	2.60
These dwarf Nemesias are fine for pots and combinations.		
Nierembergia Gracilis. Light blue. 16 in.	.35	....
Hippomanica. Coerulea. Grows not more than 4 to 6 inches high, forms a cushion of light green foliage covered with flowers of a delicate lavender hue, 1 to 1¼ inches across; clear yellow eye. Outstanding pot and bedding item, also for hanging baskets...1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color...1/16 oz., $3.00 1/32 oz., $1.65	.50	....
Nigella Damascena, Miss Jekyll. Dark blue. 18 in.	.15	.60
Hispanica. Dragon Fly. Rich dark blue.	.15	.60
Nolana. Blue Ensign. Native Chilean Bellflower. In pots it will grow 12 to 15 inches high; outdoors it spreads a little and throws up large ultra-marine-blue flowers on stems 5 or 6 inches high. Sow outdoors in May where the plants are to bloom. Fragrant...¼ oz., 60c	.35	....
Nycterinia Capensis. White, sweet-scented. 1 ft.	.35	....
Othake Sphacelata (Rosy Wings). 18-24 in. A handsome and robust branching annual with decorative flowers of bright rose color. The foliage is very attractive. Plant as for Cosmos. It is a species for mixed borders and for cutting...¼ oz., 85c	.35	3.00
Oxalis Rosea. Very fine. 6 in.	.50	....
Passiflora Coerulea (Passion Flower). Blue.	.25	....

Papaver—Poppy

At the request of the Federal Narcotic Division, we are not listing Poppy Peony Flowered, Carnation Flowered and Cardinal Types.

	Trade pkt.	Oz.
American Legion. Orange-scarlet flowers; are remarkable keepers.	$0.15	$0.50
Rhoeas Shirley. Shades of pink and rose mixed.	.15	60
Dazzler, all double, orange-scarlet.	.15	.60
Double Shirley Eldorado or Ryburg Hybrids.	.15	.60
Double Eldorado Salmon Shades.	.15	.60
Wild Rose Shirley.	.15	.60
Begonia-Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form. Contains an assortment of lovely light shades.	.15	.60
Sweet Briar. A delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double begonia.	.15	.60
Vaughan's Special Mixture of Shirley varieties.	.15	.60
For Oriental and Nudicaule Poppies, see Perennial Pages.		

Pennisetum Rueppelianum. Long graceful purple spikes.	.25	2.80
Plumbago Capensis. Spikes of rich pale blue flowers. ...100 seeds, 75c	....	....

PHLOX Drummondi Gigantea

Phlox Drummondi Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.
Alba Oculata. White with eye.
Brilliant. Rose dark eye.
Carnea. Flesh.
Chamois Rose
Cinnabar Scarlet. Brightest red.
Flaming Velvet. Deep velvety red.
Isabellina. Buff yellow.
Kermesina Splendens. Crimson.
Rosea.
Scarlet.
Stellata Lilacina
Stellata Splendens. Scarlet white eye.
Violet Blue.

Each of above: trade pkt., 30c; ¼ oz., 80c; oz., $2.80.

	Trade pkt.	Oz.
Best large-flowering. Mixed...¼ oz., 80c	$0.30	$2.80
Cuspidata (Star of Quedlinburg)...¼ oz., 85c	.35	3.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others...¼ oz., 85c	.35	2.80
Gigantea Art Shades...¼ oz., 80c	.35	....
Red Glory. This is the richest bright red, with contrasting white eye. Its color is the same as Scarlet Flax; a free, continuous bloomer, tall lightly foliaged, uniform and true...¼ oz., 85c	.35	3.00
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name...¼ oz., 85c	.35	3.00
Salmon Glory. Pure salmon-pink with creamy white eye...¼ oz., 85c	.35	3.00

NANA COMPACTA (Dwarf) 6 inch

Dwarf Phlox plants for combination pots are very useful. Grown in pots, they make fine plants for spring sales.

	Trade pkt.	Oz.
Dwarf Mixture...¼ oz., $1.20	$0.35	$4.00

Pentstemon

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.

	Trade pkt.	Oz.
Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft...¼ oz., 80c	$0.35	$2.80
Miniature Hybrids. 2½ to 3 ft. Graceful sprays covered with miniature flowers in a wide color range.	.35	....

See also Perennial Pages.

PANSY VAUGHAN'S SUPER SWISS GIANT MIXTURE

PANSIES

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

GIANT MIXTURES

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 60c; ⅛ oz., $1.20; ¼ oz., $2.00; oz., $7.00; lb. $80.00.

VAUGHAN'S SUPER SWISS PANSIES MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Without question, the finest mixture of Swiss Giant Pansies on the market. Trade pkt., 75c; ⅛ oz., $1.30; ¼ oz., $2.20; oz., $8.00; ¼ lb., $28.00; lb. $90.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.

VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Midwinter blooming and give support early. One of our florist customers writes on June 3, 1943.—"We had very good success with the last years seeds of Pansy Long Stemmed Winter Flowering. The colors and length of stem were exceptionally good." H. Florist, Toronto, Canada. ½ Trade pkt., 60c; Trade pkt., $1.00; ⅛ oz., $2.50; ¼ oz., $4.80.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades.

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Fire Beacon. Brick red.

Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white pansy.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above. Trade pkt., 75c; ⅛ oz., $1.60; ¼ oz., $3.00; oz., $10.00.

Delft Blue. Porcelain-blue. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.25; oz., $12.00.

A Special Selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., $1.00; ⅛ oz., $2.40; ¼ oz., $4.40; oz., $16.00.

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., $1.00; ⅛ oz., $1.40; ¼ oz., $2.60; oz., $10.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; ¼ oz., $2.40; oz., $9.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; ⅛ oz., $1.60; ¼ oz., $3.00; oz., $10.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 75c; 1/16 oz., $1.00; ⅛ oz., $1.75; ¼ oz., $3.25; oz., $12.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

Oregon Giants. A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Trade pkt., 50c; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.

How to Sow Pansy Seeds

Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up, remove the screen. Or you may sow them in a large pot or seed pan.

To be sure of fine, strong Pansy plants, we suggest the following, applied as a top-dressing by the end of March or early April.

2 parts dried blood. 2 parts steamed bone meal. 1 part potash.

Petunias—Complete List for Bedding and Pots

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

The best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors.

For illustration in color see front cover.

½ Trade pkt., 75c; Trade pkt., $1.25; 1/64 oz., $2.40; 1/32 oz., $4.40; ⅛ oz., $14.00.

Dwarf California Giants. Dark Selection. A favorite with many growers and it has given universal satisfaction.

½ Trade pkt., 60c; Trade pkt., $1.00; 1/64 oz., $1.75; 1/32 oz., $3.20; ⅛ oz., $11.00.

Dwarf Giants of California Ramona Strain, dark and light shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

½ Trade pkt., 60c; Trade pkt. $1.00
1/64 oz., $1.40; 1/32 oz , $2.60.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

	Trade pkt.	Oz.
Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center.....	$0.50	....
Copper-Red. Dark-throated.....1/64 oz., $1.40	.50	....
Copper Rose.....1/64 oz., 1.40	.50	....
German Empress. Lilac veined purple..1/64 oz., 1.40	.50	....
★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., $1.25; 1/32 oz., $2.40; 1/16 oz., $4.00;	.50	....
Prince of Wuerttemburg. Rich dark red with dark throat.....1/64 oz., $1.40	.50	....
Princess of Wuerttemburg. Pink veined purple.....1/64 oz., $1.40	.50	....
Salmon Beauty (Marylyn). A unique color, much admired by women.....1/32 oz., $2.80; 1/64 oz., $1.50	.75	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. 1/64 oz., $1.50; 1/32 oz., $2.80; 1/16 oz., ...$5.00	.75	....
Ruffled Monsters in mixture.....1/64 oz., $1.20; 1/32 oz., $2.00; 1/16 oz., $3.60	.50	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias.....	.50	....
Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers.....1/64 oz., $1.50	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3½ in. in diameter and the plants very free blooming. 1/32 oz., $3.00; 1/64 oz., $1.65	.50	....
Royal Beauty (Marine). The most beautiful of all blue purple Petunias....1/64 oz., $1.60; 1/32 oz., $3.00	.50	....
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower.....1/64 oz., $1.40	.50	....
Theodosia. Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes.....1/32 oz., $2.50; 1/64 oz., $1.40	.50	....
White Beauty. White fringed.....1/64 oz., $1.00	.50	....
Fluffy Ruffles. In our opinion, the very best strain available, finely fringed and ruffled; mixed colors, about 75% ruffled.....1/32 oz., $1.40; 1/16 oz., $2.60	.50	....

PETUNIA Vaughan's Dwarf California Giants Improved

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

	Trade pkt.	Oz.
Blue Beauty. A new large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering.....1/32 oz., $2.60; 1/64 oz., $1.40	$0.50	....
Burgundy. Large-flowered, 3½-inch blooms, shades of purple or carmine with white throat and tube with violet veins.....1/32 oz., $1.40	.50	....
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected".....1/64 oz., $1.20; 1/32 oz., $2.20; 1/16 oz., $4.00	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose-pink.....1/32 oz., $1.50	.50	....
Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true.....	.50	....
Pink Glory Hybrids (Windmiller). Their large blossoms, bright colors, branching habit and long life are hard to match. As a porch box Petunia they have proven superior to any we know of. The hybridizer states that on Decoration Day the sales of this item in their place were 1000 plants in 5 hours.....	1.00	....

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/32 oz., $1.80; 1/16 oz., $3.20.

Petunias—LARGE-FLOWERING SINGLE PLAIN EDGED—Cont.

	Trade pkt.	Oz.
Purple Robe (Silver Seam). Silver edge blue-black. A deep velvety violet, enhanced by a fine silver line, appearing at the edge of the flower....1/64 oz., $1.50	$0.50	....
Queen of The Market. Best single red...1/64 oz., $1.50	.50	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit.....1/64 oz., $1.00; 1/32 oz., $1.75; 1/16 oz., $3.00	.50	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. We think this is one of the best large-flowered single white.....1/16 oz., $5.25; 1/32 oz., $3.00; 1/64 oz., $1.75	.75	....

LARGE-FLOWERING DWARF (Erfurt strain)

	Trade pkt.	Oz.
Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms.....1/64 oz., $1.40	$0.50	....
Gottfried Michaelis. Dwarf, 12 in. daintily fringed bright amaranth red with dark throat; 1/64 oz., $1.40	.50	....
Lace Veil. 12 in. White flowers 2½ in. across.....1/64 oz., $1.60; 1/32 oz., $3.00	.50	....
Setting Sun. 12 in. Compact bushes, brilliant rose-pink fringed flowers, the very best of its color.....1/64 oz., $1.60; 1/32 oz., $3.00	.50	....
Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations.....1/64 oz., $1.20; 1/32 oz., $2.00	.50	...

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

	Trade pkt.	Oz
Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100% true....1/8 oz., $1.00; 1/4 oz., $1.75	$0.35	....
Queen (Blue Star). Blue and white.....1/64 oz. 70c; 1/32 oz., $1.20	.50	....
Blue. Velvety violet blue..1/8 oz., 90c; 1/4 oz., $1.65	.35	....
Carmine King.....1/8 oz., $1.00	.35	....
Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue.....1/8 oz., $1.00; 1/4 oz., $1.75	.35	....
Rosy Morn. A beautiful color pink with white throat.....1/8 oz., $1.00; 1/4 oz., $1.75	.35	....
Red.....1/8 oz., 75c; 1/4 oz., $1.35	.35	....
Rose.....1/8 oz., 75c; 1/4 oz., $1.35	.35	....
Star of California. Violet shaded crimson, white blotches.....1/4 oz., $1.75; 1/8 oz., $1.00	.35	....
White.....1/4 oz., $1.35; 1/8 oz., 75c	.35	....
Balcony Mixed, the above. 1/8 oz., 75c; 1/4 oz., $1.35	.35	....

All-Double Petunias

The seedlings grown in a cool house will make very attractive 4 to 5 in. pot plants for Easter and Mother's Day.

All-Double Amaranth Red. Red-purple.

All-Double Appleblossom (Daintiness). Soft salmon-pink flowers.

All Double Attraction. Color brilliant deep carmine rose irregularly marked with white. Compact habit, fine for pots.

All-Double Dwarf Blue Brocade. A rich, velvety violet-blue. Flowers are of uniform color and good size, blooming late in the flowering season.

All-Double Dwarf Giant Fringed Pure White (Snowball).

All-Double Dwarf Carmine Glory. Brilliant carmine flowers (Mammoth Peony-flowered).

All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across.

All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit.

All-Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double.

PETUNIA ALL-DOUBLE TYPE

PETUNIAS. All-Double—Continued

All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers.

All-Double Dwarf Giant Fringed Mixed (Victorious) (Vaughan's Formula Mixture.) The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors. 1/64 oz., $12.00.

All-Double Dwarf Victorious Mixed. 1/64 oz., $9.50; 1/32 oz., $18.00. **Each of the above 1000 seeds: trade pkt., $2.50; ½ trade pkt. 500 seeds, $1.50.**

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all-double strains has been carefully tested in soil, on Aug. 15th, 1943 and, when carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed.

DOUBLE LARGE-FLOWERING

	Trade pkt.	Oz.
All-Double America. America is the all double type, of medium size, 100 percent carnation-flowered, and rose-pink in color, somewhat a reminder of the color of Gladiolus America. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true. Silver Medal All-America Award 1943. 500 seeds, $1.75; 1,000 seeds, $3.00; 1/64 oz., $11.00; 200 seeds,	$0.75	....
Super Strain Giant Double Fringed Mixed. Produced a high percent of beautiful fringed doubles. Variation of color ranged from soft salmon to deep pink, copper red, light red to deep maroon, and a wide range of variegated colors. Size of flowers from 3 to 5 inches in diameter.....1/64 oz., $6.50; 1/32 oz., $12.00	1.25	....
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink.....500 seeds $1.00; 1000 seeds	1 80	....

Petunia—Continued

SINGLE SMALL-FLOWERED SORTS

	Trade pkt.	Oz.
Blue King. Bright violet blue ..... ¼ oz., 45c	$0.25	$1.40
Flaming Velvet. Rich brilliant velvety blood-red or crimson flower ..... ⅛ oz., 80c; ¼ oz., $1.40	.35	5.00
General Dodds. Velvety red ..... ¼ oz., 50c	.25	1.80
Hollywood Star. Five pointed star, rose-pink, creamy eye ..... ¼ oz., 90c; ⅛ oz., 50c	.35	3.20
Howard's Star. Improved; reselected ..... ¼ oz., 90c	.35	3.25
Norma. Violet blue with white star ..... ¼ oz., 55c	.25	2.00
Radiance. A cerise-rose with enough underlying salmon to remove the harshness, commonly found in a cerise rose, without losing the brilliance, in fact seeming to intensify it. The throat is golden yellow below where the bloom starts to flare ..... ⅛ oz., 90c; ¼ oz. $1.60	.50	.....
White King. Snowy clear white ..... ¼ oz., 50c	.25	1.80
De Luxe Bedding Mixture ..... ¼ oz., 60c	.25	2.25

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Extra reselected. Pot grown seed. This is the best dwarf clear blue Petunia, of good size, and even compact growth ..... 1/32 oz., $3.00; 1/16 oz., $5.50; ¼ oz., $20.00	.75	....
Alderman. Dark violet ..... ¼ oz., 70c	.25	2.60
Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered ..... ¼ oz., $1.80	.50	....
Blue Bird. Deep violet, extra fine ..... ¼ oz., 70c	.25	2.40
Cheerful. Received bronze medal in the All America Selection of 1944. The clear salmon pink flowers have a deeper rose veining toward the throat. The growth is low spreading close to the ground, later the plants form a mound 10-12 in. high with a spread of 2 ft. Growth is densely compact and the plants are studded from early summer until frost with flowers 2½ in. across ..... 1/16 oz., 90c; ⅛ oz., $1.60; ¼ oz., $2.70	.50	9.75
Celestial Rose Improved. Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item ..... ¼ oz., $2.75; ⅛ oz., $1.60	.50	9.00
Celestial Rose. Regular ..... ⅛ oz., 75c; ¼ oz., $1.25	.35	4.50
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in. ..... ⅛ oz., $1.10	.35	....
Cream Star. Flowers grow 2¼ in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow. Plants, when fully grown, are 12 in. high and 14 in. across, neatly rounded and completely covered with flowers over the sides and top ..... ¼ oz., $2.00; ⅛ oz., $1.10	.50	....
English Violet. A new and much more pleasing shade of violet-blue Petunia, different from any of the other mid-blue varieties. It is almost the same beautiful color as English Violets. The plants normally grow 15 to 18 inches tall ..... ⅛ oz., $1.10	.50	....
First Lady. A color of light pink. The individual flower measures over 2½ inches across; very free flowering. Makes dwarf bushy, ball-shaped growth. Flowers continuously from spring to frost. Strong sun cannot burn the beautiful color ... 1/16 oz., $1.30	.35	.....
Heavenly Blue. Reselected ... ⅛ oz., 90c; ¼ oz., $1.50	.35	4.80
Igloo. Plants are true, very uniform and compact growing. 12 to 15 inches tall. The small, 1½ inch, creamy white single flowers with yellowish throats cover the plants in a sheet of bloom from early to late in the season. Excellent and very showy, though not a pure white, for bed or border .... ⅛ oz., $1.10	.50	....
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit ..... 1/32 oz., $1.30; ⅛ oz., $4.50	.50	....

PETUNIA White Perfection

PETUNIA Single Small Flowered Dwarf—Continued

	Trade pkt.	Oz.
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in. ..... 1/32 oz., $1.10; 1/16 oz., $2.00	$0.50	....
Rose of Heaven Select. A brilliant rose-pink ..... ¼ oz., $1.40	.50	$5.00
Rosy Morn, Select. Pink with white throat ..... ¼ oz., 75c	.35	2.80
Salmon Supreme. Distinct light salmon color. Flowers about 1½ in. across with white throat and plain petals ..... 1/16 oz., $1.35; ⅛ oz., $2.40	.50	....
Senator. Purplish violet, white throat	.25	....
Snow Queen. Compact in growth with abundance of snow-white flowers ..... ¼ oz., 60c	.25	2.00
Sutton's Blue Bedder. Midblue ..... ¼ oz., 60c	.25	2.00
Topaz Queen. Deep scarlet rose, free flowering ..... ⅛ oz., 75c; ¼ oz., $1.20	.35	4.00
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star ..... ¼ oz., 60c	.25	2.00
Windmiller Pink (Sunrise). The growth is very compact and branching, attaining at maturity a height of 10-12 in. and a spread of 15-18 in. At no time does the plant become "leggy" but always presents a solid mass of deep green foliage studded with blooms. The 2 inch flowers have slightly frilled edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat, a combination that glows in the sunlight	.50	....
White Perfection. This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across ..... ⅛ oz., 65c; ¼ oz., $1.20	.35	4.00
Vaughan's Special Dwarf Mixture. Small flowering sorts ..... ¼ oz., 85c	.35	3.00
Miniature. 10 in. A new strain of dwarf compact miniature sorts.		
Little Blue Star. The ground color is about the bluest in Petunia and is regularly starred with pure white. This is very dwarf and free flowering .... ¼ oz., 90c	.25	3.00
Rose Gem. Deep rose ..... ⅛ oz., $1.00	.35	....
White Gem ..... ⅛ oz., $1.00	.35	....
Gem Mixed ..... ⅛ oz., $1.00	.35	....

PRIMULA Obconica Gigantea Wyaston Wonder

Primula Obconica

Cultural Instructions Sent with Seed — Trade pkt.

Grandiflora Avalanche. White..... $1.25
Appleblossom. Pink..... 1.25
Better Days. Deep carmine-red. Very large-flowering. The compact, well branched growth is very symmetrical and the mass of flower heads shows evenly above the dark green foliage, on strong stems..... 1.25
Sky-Blue (Konigsee). Extra-large flowers..... .....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Dark Blood-Red (Bayern Blut)..... 1/64 oz., $2.25 1.25
Fasbender Red. Flowers rich deep red of enormous size. Outstanding variety.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Gigantea Wyaston Wonder. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant..... .....1/32 oz., $5.50; 1/64 oz., $3.00; 1/16 oz., $10.50 1.25
Lachsrosa. A beautiful salmon-rose..... .....1/32 oz., $4 25; 1/64 oz., $2.25 1.25
Mohnstein's Dark Red.....1/64 oz., $2.25; 1/32 oz., $4.25 1.25
Mueller's (Berlin) Rose.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Red Purple..... 1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Mixed, many colors.....1/64 oz., $1.80 1.00
Double Portland Beauty. Light to dark rose-pink..... .....750 seeds, $1.50

Primula Chinese Giant

Chiswick Red Improved. Red.....200 seeds .60
Covent Garden White.....100 seeds .50
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting.....250 seeds 1.00
Giant Pink. Extremely large petals of great substance..... .....100 seeds .50
Giant Salmon.....100 seeds .50
Queen Mary. Rose-pink.....100 seeds .50
True Blue.....100 seeds .50
Vaughan's International Mixture.....150 seeds .50
Giant Mixed. Includes this year a number of new shades..... .....100 seeds .60

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star. Giant White Star. Giant Star Mixed. Each of the above, trade pkt., (200 seeds), 50c.

Primula

Ericksson's Malacoides (Baby Primrose)

(ORIGINATOR'S SEED)

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mother's Day.

RIVERSIDE STRAIN

This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

Ericksson's New Red. A very unusual salmon-red, particularly suited for Valentine combinations. Highly recommended.

Glory of Riverside Improved. A true rose pink, free bloomer with large flowers and robust grower.

Lilac Beauty. Pure light lilac, 100% even color when blooming and a delight to work in combinations.

Peachblossom. Deep peachblossom pink.

Riverside Red Rose. A brilliant red rose of very even color from start to finish.

White Giant. An exceptionally strong grower, large pure white flowers which may be used in combinations instead of Hyacinths. Each of the above: 500 seeds, $1.00; 2,000 seeds, $3.00; 6,000 seeds, $8.00.

Eriksson's Special Mixture. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Baby Improved. Glowing deep pink. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), $1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are 7/8 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), $1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet (about 1,000 seeds), $1.00; 1/64 oz., $2.00.

Mixture. A mixture of giant varieties. Trade Packet (about 1,000 seeds), $1.00.

Malacoides Various Sorts

Trade pkt.

Dawkin's Carmine King.....1/64 oz., $1.60; 1000 seeds, $1.00
Princess Mary. Deep rose pink.....1/64 oz., $2.00 1.00
Salmon Rose.....1/64 oz., $2.40 1.00
Brilliancy. Opens lavender, changing to crimson-red..... .....1/64 oz., $2.20; 1000 seeds, 1.00
New Baby. Lavender-pink.....1/64 oz., $2.00; 1000 seeds, 1.00
Salmon Beauty. True salmon....1/64 oz., $2.50; 1000 seeds, 1.00
Snow King. Pure white.....1/64 oz., $2.00; 1000 seeds, 1.00
Rosea Superba. Much improved form of this species. flowers larger and a fine rose color.....1/64 oz., $2.40; 1000 seeds, 1.00

Primula Giorgis

(This is a cross between Primula Malacoides and Primula Chinensis Fimbriata.)

The flower formation is that of the Chinese Primrose, while the short compact thick foliage reveals the Malacoides blood. Finely fringed, double rowed, single flowers 1 1/4 inches in diameter. Dark green foliage. The color is a strong carmine rose with a strong yellow center. Trade pkt., $1.00

Portulaca—Moss Rose

	Trade pkt.	Oz.
Single large-flowering sorts, mixed.....¼ oz., 70c	$0.20	$2.40
Single Jewel. No one who has in mind the usual portulaca flower can imagine the beauty of this new variety, which is four times as large, and of a brilliant deep crimson coloring. One of the most popular of annuals, the portulaca is so easy to grow in dry, sunny places, that its beauty is often overlooked; but here is a new member of the family that will attract surprised attention in any company. It is as free flowering as the smaller flowered varieties .....⅛ oz., $1.00	.50	....
Double sorts, finest mixed.....¼ oz., 80c	.25	2.80

Phacelia Campanularia. Gentian-blue, white anthers. 6 in..... .15 .70

Pheasant's Eye Pink. See Dianthus Plumarius in Perennial Pages.

Pyrethrum Parthenifolium Aureum (Golden Feather).....¼ oz., 50c .20 1.60

Ricinus—Castor Beans

Borboniensis Arboreus. 10 to 15 ft.....lb., $1.80	....	.15
Crimson Spire. Large purplish leaves changing to bronzy green. The stems, stalks and veins are rich red. The seed spikes and seed pods are brilliant rosy crimson. Most showy of all. 6 ft.....	.15	.30
Sanguineus. Red leaves. 7 ft.....	.15	.30
Mixed. Many kinds.....	....	.20
Zanzibarensis Enormis. Carmine seeds. 7 ft.....	.15	.30
Zanzibarensis Mixed.....	....	.30

	Trade pkt.	Oz.
Rudbeckia Bicolor Superba. Large golden yellow, dark spots. 2 ft.....	$0.15	$0.50
Indian Maid. 4 in. flowers, pronounced crown, rich brown center and golden tips. Some few semi-double or double rows of petals. Sown March 1, bloom in 3½ months. Vigorous habit. Excellent for cutting.....¼ oz., 50c	.25	1.80
Kelvedon Star. A perfect long-stemmed flower for cutting. The flowers vary in both form and coloring, but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange.....¼ oz., 60c	.25	2.00
Kelvedon Star Double.....¼ oz., 60c	.25	2.00
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers, dark zone.....¼ oz., 40c	.25	1.40
Starlight. This large-flowered, semi-double selection out of Kelvedon Star is certainly a free bloomer. Its doubleness varies from fully double to single, mostly with about three rows of petals. Coloring is from primrose yellow to mahogany and bicolors with mahogany centers.....¼ oz., $1.00	.35	....

See also Perennials.

Salpiglossis

Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

Large-Flowering. Superbissima (Emperor).

Golden Yellow — Purple — Violet and Gold
Light Blue and Gold — Scarlet and Gold

	Trade pkt.	Oz.
Each of the above.....¼ oz., 30c	$0.20	$1.00
Vaughan's Special Mixture. Made from above-named sorts and others.....¼ oz., 35c;	.20	1.10
Giant-Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes.....¼ oz., 45c	.25	1.40
Giant Flowered. Tall. Mixed.....¼ oz., 40c	.25	1.20

SALVIA VAUGHAN'S MASTERPIECE. THE BEST DWARF SALVIA

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

	Trade pkt.	Oz.
America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes.....¼ oz., $1.40	$0.50	$5.00
Harbinger. 16 in. Very early, scarlet....¼ oz., 1.40	.50	5.00
Clara Bedman (Bonfire). Erect habit—the old standby, ...¼ oz., $1.35	.50	4.50
Vaughan's Masterpiece. The finest dwarf extra early flowering variety. Massive scarlet spikes; even compact habit.....⅛ oz., $1.25; ¼ oz., $2.25	.75	8.00
Maroon Prince. Plum color. 24 inches...¼ oz., $1.50	.50	.....
St. John's Fire. Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants..... .....⅛ oz., $1.25; ¼ oz., $2.25	.75	8.00
Zurich. Early, 2 ft.....¼ oz., $1.40	.50	5.00
Type (Scarlet Sage). 24 in....lb., $30.00; ¼ oz., 90c	.50	3.20

Salvia Carduacea, 18 in. Dainty fringed sky blue blossoms..... .50 ....

Farinacea Blue Bedder. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting.....¼ oz., $1.00 .35 3.50

See also Perennial Pages.

Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf, fine for edging....¼ oz., 50c .25 1.75

Saponaria. Vaccaria Rose. Sometimes called Pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion. ¼ lb., 50c .... .20

Alba, White.....¼ lb., 50c .... .20

Sedum Coeruleum (Stone Crop). Blue. 3 in..... .35 ...

Sensitive Plant (Mimosa Pudica)..... ¼ oz., 30c .20 1.00

Shamrock..... ¼ oz., 40c .20 1.40

Smilax.....Lb., $8.00 .15 .80

Snapdragon. See Antirrhinum.

SCHIZANTHUS Vaughan's Masterpiece

Scabiosa Double, Large Flowering (Pincushion Flower)

		Trade pkt.	Oz.
Azure Fairy. Azure-blue. A splendid cut flower	¼ oz., 25c	$0.15	$0 80
Black Prince. Black-purple	¼ oz., 25c	.15	.80
Blue Moon. Deep lavender-blue	¼ oz., 65c	.25	2.20
Cherry-Red	¼ oz., 25c	.15	.80
Coral Pink. Rich pink	¼ oz., 25c	.15	.80
Fire King. Rosy-crimson	¼ oz., 25c	.15	.80
La Fee. A very double, highly perfected Azure Fairy.	¼ oz., 55c	.25	2.00
Loveliness. Soft delicate salmon-rose color. Delightfully fragrant	¼ oz., 25c	.15	.80
Rosette. Beautiful shade of deep rose heavily suffused with salmon	¼ oz., 35c	.20	1.20
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth	¼ oz., 35c	.20	1.20
Shasta. Pure white of enormous size	¼ oz., 25c	.15	.80
Vaughan's Special Mixture	¼ oz., 35c	.20	1.20
Cockade. The new conical form accompanied by an unusual and attractive depth of flower with large individual florets makes flowers of the largest size. Blue Cockade. Deep blue, deeper than Azure Fairy	¼ oz., 25c	.15	.80
Dwarf. Heavenly blue	¼ oz., 55c	.25	2.00
Peace. The white companion to Heavenly Blue. Flowers 1¾ inches across, on 6 to 8-inch stems	¼ oz., 55c	.25	2.00
Mixed Dwarf	¼ oz., 50c	.25	1.75

Schizanthus

A January sowing will make choice 3 in. plants for spring combinations.

		Trade pkt.	Oz.
Vaughan's Dwarf Masterpiece. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches	1/16 oz., $1.00; ⅛ oz., $1.65	$0.50	.....
Vaughan's Excelsior Hybrids A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item	⅛ oz., $1.10	.50	....
Chelsea Bedding Mixture. The bushy little plants are so compact and neat and so smothered by the butterfly-like blooms that each one is a bouquet in itself. Has a wide range of colors. 9 inches		.75	....
Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring	¼ oz., $1.10	.35	....
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors are extremely bright and attractive	⅛ oz., $1.00	.35	....
Retusus. Mixed		.25	....
Wisetonensis. Dwarf mixed	¼ oz., $1.10	.35	....

TYPE OF SWEET PEAS Early Flowering Spencer

SWEET PEAS—SUMMER FLOWERING

Any of the following, except where noted otherwise: oz., 25c; ¼ lb., 80c; lb., $2.80.

Ambition. Rich, deep lavender.
Ascot. Bright pink.
Avalanche. Glistening white.
Bonnie Briar. Large rose-pink.
Bridal Veil. Pure white, black seeded.
Charity. Best red.
Cheerio. Mammoth deep Begonia-rose suffused with gold.
Chinese Blue. Rich deep blue.
Constance Hinton. Black-seeded white.
Crimson King. Rich deep clear crimson.
Flag Ship. Deep navy blue flowers of large size, artistically placed on long stems.
Flamingo. Cerise scarlet.
Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed.
Fortune. Rich dark blue.
Gigantic. Largest and best black-seeded white.
Gleneagles. Large lavender.
Headlight. Orange-scarlet, sunproof.
Heavenly Blue.
Highlander. Pure lavender.
King White. Gigantic flowers of pure white.
Lady Ruffles. Soft pink.
Leviathan. Rich maroon, a lovely clear dark variety.
Mary Pickford. Dainty cream-pink suffused salmon.
Mrs. Tom Jones. Bright blue.
Olympia. Deep rich purple.
Peggy Ann. An attractive shade of clear, glowing salmon-pink.
Pinkie. Rose-pink.
Powers Court. Lavender.
Red Supreme. New deep crimson
Ruffled Mixed.
Tangerine Improved. Glowing orange.
Warrior. A fine maroon.
Vaughan's Florists' Mixture of Summer Spencer Varieties. Oz., 20c; ¼ lb., 65c; lb., $2.20.

Sweet Peas Early-Flowering Spencer

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, **10c.**
Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, except where noted otherwise, ½ oz., 30c; 1 oz., 50c; ¼ lb., $1.50; lb., $5 00.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.
Blue Bird. Violet blue. Fragrant.
★**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.
Elk's Purple. Long stemmed reddish purple.
Fragrance. Large frilled lavender flowers, fragrant.
Florist Blue. Pure blue.
★**Harmony.** Most popular lavender, fragrant.
Mariner. Clear mid-blue.
Memory. Rosy lavender.
★**Mrs. Herbert Hoover.** Clear blue. Fragrant.
★**Princess Blue.** Rich light blue. Lb. **$5.50.**
Rhapsody. Rosy lavender. Has a deep lavender base color that is enlivened by dainty rose pink tints.
★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.
Top Hat. Deep purple-blue.
★**Triumph.** Deep lilac mauve. Lb. **$5.50.**
★**Twilight.** Long stems and extra large flowers. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers. Lb. **$5.50.**

ORANGE

★**Ball Orange Improved.**
Fiesta. Brilliant orange cerise. A strong self color almost deep enough to be an orange scarlet. Vigorous grower, definitely sunproof. Lb., **$5.50.**
★**Treasure Island.** A sparkling golden orange. Very large flowered and semi-duplexed. Lb. **$5.50.**
Valencia. Color bright orange, sunproof.

PINK, ROSE AND SALMON

American Beauty. A rich crimson rose on white ground.
★**Apollo.** A soft salmon-cerise. Fine spring bloomer.
Attraction. Bright salmon-pink.
★**Ball Rose Improved.** Extra rich deep rose.
★**Bridesmaid.** Deep silvery pink with stems unusually long.
★**Boon.** Deep salmon-pink on light cream ground.
Cavalcade. A rich golden cerise. A white ground selection of the popular Sequoia and much brighter in color, as it holds to this light base.
Celestial. A soft and warm shade of cerise with salmon rose.
Chime. Light salmon-pink on cream ground.
Coquette. Coral pink with amber and salmon shadings on duplexed flowers. A gorgeous sweet pea for corsage or bouquet work.
★**Daphne.** A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.
Dawn. Glowing deep chamois pink. The cream base and lively color make this pea superb under artificial light.
Eileen. Rich Begonia-rose with salmon shading.
Florist Rose. A pure rose-pink.
Geranium. Warm colored salmon cerise, the salmon coloring appearing as an overlay upon the clear cerise of both wings and standard.
Giant Rose. Rose-pink. Fragrant.
★**Hiawatha.** Deep rose self, flowers exceptionally large and bold faced, with a bit of white showing at the base of standard and wings. Lb. **$5.50.**
Jeanne Mamitsch. Striking pink, shading off to deepest pink.
Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
★**Laddie Improved.** An enormous rose-pink. Fragrant.
Majestic Rose. Immense deep rose-pink flowers on long stems.

PINK, ROSE AND SALMON—Continued

Miss Liberty. Rose carmine on white ground. A striking contrast of a pure white keel against a solid rose carmine background.
Mrs. Calvin Coolidge. Rich salmon-pink.
★**Mrs. R. H. Holscher.** Rose-pink.
★**Ramona.** Coral rose with yellow and pink shadings.
Rhumba. A glistening golden cerise, large flowered and deeply duplexed.
★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.
Shirley Temple. A soft rose-pink. It has long stems.
★**Sterling** is a large duplexed salmon rose with an abundant array of four and five graceful flowers on strong, heavy stems.
★**Titania.** Mammoth flowered deep rose self, with white ground at the base.
Tops. A fine salmon rose. Beautifully duplexed flower; five and six flowers to a stem.
Vivian Zvolanek. Clear deep carmine rose, long stemmed.

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex on long, firm stems. Rich red maroon.
Evening Star. Sturdy grower with a heavy stem, holds its buds well even through the dark days of winter. Flower a warm Christmas Red and can be in crop for Christmas and through January. A favorite in the Eastern markets.
Grenadier. A glowing poppy-scarlet.
Pride. Pure cerise large flowers on long stems.
Red Bird. Bright crimson red.
Redwood. A deep, bright rich crimson.
Signal. A fine red; the best of its color; more intense color than Pride.
Sparks. Bright orange scarlet, large flower, daintily frilled standard with wide spread wings.
Vulcan. Vivid scarlet.

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white. Lb. **$5.50.**
Burpee's White. Glistening white, sweet scented.
Gardenia. Fragrant velvety white flowers, ruffled and duplexed. An easily grown white seeded variety; sow to follow "mums"
★**Hope.** A mammoth-flowered black-seeded pure white.
Oriental. Deep cream, black seeded large flowers.
★**Snow Queen.** Pure white, black seeded, opens and retains white color. Sow to follow "mums".
★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.
★**White Harmony.** A standard black-seeded white.
Vaughan's Special Formula Mixture, Early Flowering Spencers from named sorts. ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $5.00.

Fragrant Early Flowering Spencer Sweet Peas

Amethyst.	Giant Rose.	Laddie Improved.
Blue Bird.	Harmony.	Mrs. Herbert Hoover.
Fragrance.		

SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

Black Seeded White Improved. Outstanding pure white frilled flower.

Blue.	Light Lavender.	Mauve.
Clear Pink.	Lavender.	Rose-Pink.

Each of above.....½ oz., 35c; oz., 65c; ¼ lb., $2.00; lb., $6.50.
Mixed All Colors. ½ oz., **30c**; oz., **55c**; 4 ozs., $1.65; lb., $5.50.

STOCKS NON-BRANCHING COLUMN SILVER LILAC

Stocks

Our stocks are produced by the most careful growers and are **equal to the best in the market.**

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Deep American Beauty Rose.

No. 22 Ball Supreme. Supremely fine in its rich silvery rose shading, with extra long stems and fine heavy spike.

★**Blue.** Dark lilac blue.

★**Chamois Pink.** Not such a large percentage of doubles as other varieties.

Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.

STOCKS NON-BRANCHING COLUMN—Continued

Gold Standard. Creamy ivory yellow. Only ½ trade pkt. 60c. Trade pkt., $1.00.

La France. Deeper than Pink No. 11. Only ½ trade pkt , 60c; trade pkt., $1.00.

Lilac Lavender. Same as Silvery Lilac.

Malmaison Pink. Beautiful shell pink.

Moonlight. Light yellow.

★**Pink (No. 11).** Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem.

★**Rose Pink (No. 14).** A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.

Ruby (Illusion). Rich crimson red.

★**Silvery Lilac.** Lilac lavender.

★**Vaughan White No. 1.** We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence.

White No. 16. Semi-tall pure white.

★**Yellow Wonder.** Best yellow.

Special Florist Mixed. Mixture of the best selling colors.

Each of above except noted otherwise. ½ Tr. Pkt., 60c; Tr. Pkt. (about 1200 seeds), $1.00; ¼ oz., $2.50; oz., $9.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods"
Blue "Pacific"
Chamois "Santa Barbara"
Lavender "Tahoe"
Pink "Monterey"
Rose Carmine "Sequoia"
Rose "Yosemite"
Velvety Violet (Mojave).
White "Santa Maria"
Yellow "Golden Gate"

Each of the above, trade pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25; oz., $4.40.

Giants of California Mixed. Trade pkt., 25c; ⅛ oz., 65c; ¼ oz , $1.20; oz., $4.00.

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper. Fine copper red.

Buttercup. Deep golden yellow.

★**Chamois** **Dark Blue** **Elk's Pride.** Royal purple.

Flesh. Delicate pink. **Fiery Blood-Red**

Golden Rose ★**Lavender** ★**Lilac** ★**Rose**

★**Shasta.** Vigorous, glistening white.

		Trade pkt.	Oz.
Each of the above	⅛ oz., 65c; ¼ oz., $1.10	$0.35	$3.40
Giant Bismarck, Mixed. All colors	¼ oz., 65c	.25	2.40

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose.
Priscilla. Silvery lavender.
Puritan. Pure white.
Rose Standish. Bright rose.

} Each, tr. pkt., 50c.

White Wonder. Tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers closely set and of extraordinary size. Plant 6 by 6 inches and pinch when 6 inches high and then it will bring three long spikes..... ¼ oz., $1.50; ⅛ oz., 80c .50 5.00

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

Blood-Red **Dark Blue** **Lavender**
Bright Pink **Deep Rose** (Carmine pink) **White**

		Trade pkt.	Oz.
Each of above	¼ oz., 55c	$0.25	$2.00
Dwarf Large-Flowering. 10 weeks. Extra choice Mixed	¼ oz., 55c	.25	2.00

Solanum

ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

		Trade pkt.	Oz.
Bird's Eye Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red.	¼ oz., 65c	$0.35	$2.20
Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow	¼ oz., $1.10	.35	....
Christmas Cherry Improved	¼ oz., 70c	.25	2.20
Cleveland Red (Cherry)	¼ oz., 50c	.25	1.80
Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. Outstanding	¼ oz., 55c	.25	2.00
Red Cluster (Bunch Pepper). A compact, much branching plant bearing at the end of its branches bunches of erect, pointed, curved pods of a coral red color		.35	....
Miniature Bell. The red, green and white bell shaped fruits are attractive against the dainty foliage. Pinch the plants to make them bushy, for large plants put 3 or 4 in a 5 or 6-in. pot. Put stake in center and tie plant to shape	¼ oz., 80c	.25	....
New Patterson Variety. Large orange-red flowers, cherry-like fruit, compact habit	¼ oz., 65c	.25	2.20
Variegated Leaved	¼ oz., 70c	.35	....
Mixed varieties	¼ oz., 75c	.25	....

Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Sinuata. True Blue. Fine cut flower
Kampf Improved variety. Tall, brilliant deep blue
Lavender Queen
Market Growers. Deep blue
Pale Violet with yellow center
White, Pure
Rosea Superba
Pastel shades mixed
New colors mixed

		Trade pkt.	Oz.
Each of the above	lb., 3.20	$0.15	$0.30
Bonduelli. Golden yellow	lb., 4.00	.15	.40
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens	¼ oz., 80c	.35	2.80
Suworowii. Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch.	¼ oz., 35c	.15	1.00

See also Perennial pages.

Stevia Serrata. White, fine cut flower | .35 | ....

Tahoka Daisy

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks | ¼ oz., 65c | .25 | 2.20

Texas Queen Anne's Lace. An improved Wild Carrot. Will dye easily | ¼ oz., 25c | .15 | .90

Thunbergia. Mixed. Fine climber for window boxes and hanging baskets | ¼ oz., 30c | .15 | 1.00

Gibsoni. A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, $1.00; 1000 seeds, $6.00 | ... | ....

		Trade pkt.	Oz.
Tithonia Avalon Earliest. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire	¼ oz., 50c	$0.25	$1.60
Torenia Fournieri. Makes a fine pot plant for Mothers' day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in	⅛ oz., $1.20	.50	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in	⅛ oz., $1.00	.35	....

Venidium

Fastuosum. 2 to 3 ft. Above the grayish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across. Treat as a half-hardy annual, sowing in March or April, as germination is difficult earlier. Plant in sunny position | ¼ oz., 80c | .35 | ....

Fastuosum Hybrids. 2-3 ft. A new race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals. Germinate and grow more vigorously than original. | ¼ oz., 80c | .35 | ....

Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Make good cutflowers.

		Trade pkt.	Oz.
Rosea. Pink, 1 ft	¼ oz., 50c	$0.25	$1.60
Fl. Alba Oculata. White with pink eye.	¼ oz., 50c	.25	1.60
Alba Pura. Pure white	¼ oz., 50c	.25	1.60
Delicata. Soft pink	¼ oz., 50c	.25	1.60
Kermesina. Bright red, dark green leaves with red stems	¼ oz., 50c	.25	
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye	¼ oz., 50c	.25	1.60
Mixed (includes the new red)	¼ oz., 50c	.25	1.60

Verbesina Encelioides. 3 ft. Large single butter-yellow daisies with irregular petals. Blooms continuously throughout the season and is an excellent cutflower. | ¼ oz., 65c | .25 | 2.20

Viscaria Oculata. Mixed		.20	.80
Blue Pearl. Pure deep lavender-blue without eye, erect growing	¼ oz., 50c	.25	1.60
Nana compacta oculata. Mixed	¼ oz., 50c	.25	1.60
Coerulea Blue Bouquet	¼ oz., 55c	.25	2.00
Fiery Red. Flowers of brilliant red, plant is very dwarf and compact	¼ oz., 70c	.35	2.40

Xanthisma Texanum. Star of Texas. Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Quite hardy, does well in dry, open places | ⅛ oz., 50c | .25 | ....

Xeranthemum (Everlasting). Superbissimum (Pompon) mixed | | .20 | .80

Zea Quadricolor Perfecta. Dwarf leaves striped with red, rose and yellow bands | lb., $2.00 | .... | .15

FOR PORCH AND WINDOW BOXES

Ageratum Midget	Convolvulus Dwarf	Pansy
Alyssum	Cuphea Firefly	Phlox Dr. Dwarf Mix.
Antirrhinum Dwarf	Heliotrope	Balcony Petunias
Begonia	Lantana	Single Dwarf Petunias
Browallia Speciosa Major	Lobelia	Thunbergia
Candytuft	Marigold Dwarf	Verbena
Centaurea Jubilee Gem	Geraniums	Vinca
Coleus	Dwarf Nasturtium	Zinnia Small Sorts

VERBENA

Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed.

Alba. Very large, pure white.

Appleblossom. Almost white shading to cameo-pink on the edge. Trade pkt. only $0.35.

Brightness. Bright rosy cerise scarlet large white eye, semi-compact.

Brilliant. Rich deep flame rose with medium sized white eye.

Cerise Queen. Salmon cerise.

Crimson Glow. A pure glowing crimson without an eye. The flower-heads are produced freely on compact plants, with small leaves.

Etna. Geranium-red with a small creamy yellow eye.

Floradale Beauty. Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating.

Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.

Lucifer. Red.

Luminosa. Flame-pink toning to softer shades of salmon, flesh and coral.

Rosea Stellata. Pink, white eye.

Rose Cardinal. Bright red.

Royale. Royal blue with creamy eye.

Spectrum Red. Intense pure bright red.

Spitfire. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret.

Sutton's Giant Pink. Salmon pink.

Violacea Stellata. Violet, white eye.

		Trade pkt.	Oz.
Each of above except Appleblossom	¼ oz., 75c	$0.35	$2.65
Gigantea. Mixed	¼ oz., 55c	.25	2.00
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.	¼ oz., 75c	.35	2.65
Hybrida. Dark Blue	¼ oz., 50c	.25	1.60
Defiance. Brilliant scarlet	¼ oz., 50c	.25	1.60
Lutea Improved. Yellow	¼ oz., 50c	.25	1.60
Miss Ellen Willmott. Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades	¼ oz., 65c	.25	2.20
Purple Mantle	¼ oz., 50c	.25	1.60
Rose Glow	¼ oz., 50c	.25	1.80

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.

Verbenas Dwarf Erect Growing

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

		Trade pkt.	Oz.
Blue Sentinel. Rich navy blue self color	¼ oz., $1.20	$0.35	$4.00
Chamois	¼ oz., 1.20	.35	4.00
Dark Blue	¼ oz., 1.20	.35	4.00
Fireball. Scarlet		.50	....
Splendor. Flowers of intense scarlet with a contrasting large white eye	¼ oz., 1.20	.35	4.00
White	¼ oz., 1.20	.35	4.00
Violet Bouquet. Flower opens deep violet, tinged garnet changing to deep violet, cream color eye.	¼ oz., 1.20	.35	4.00

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; ¼ oz., $1.20; oz., $4.00.

Various Sorts

		Trade pkt.	Oz.
Bipinnatifida (Fern-leaved Verbena). The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery gray-green foliage covered with clusters of lavender-blue flowers. The flowers resemble sprays of lilac candytuft	¼ oz., $1.00	$0.35	$3.50
Venosa. Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks. 1 ft.	¼ oz., 45c	.25	1.60
Lilacina. Delicate lavender-blue	¼ oz., 55c	.25	2.00
Erinoides (Moss Verbena). Purple. 1 ft.	¼ oz., 55c	.25	1.80
White	¼ oz., 55c	.25	1.80
Lemon (Citriodora)	¼ oz., 75c	.35	....

VERBENA Gigantea Mixed

Zinnias

Zinnias are heat loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness. Zinnia seed may be sown inside in February and March for cutting inside. Seed sown in April will bloom May 20 to June 10. Inside sown in May for inside cutting will bloom June 10 to 20.

	Trade pkt.	Oz.
All-Giant Indian Summer. Crimson, flame-scarlet, cherry, golden yellow, white, and burnished copper. No magenta, lavender, or pale pink. A harmonious blend of dazzling brilliance without a trace of harshness. Lb., $14.50; ¼ lb., $4.00; ¼ oz., 45c; ½ oz., 75c	$0.25	$1.25

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Canary Bird, primrose
Crimson Monarch, best red
Dream, deep lavender
Eldorado, rose on deep salmon
Exquisite, light rose, center rose
Golden Dawn, golden yellow
Golden State, rich orange
Illumination, deep rose
Lemon Beauty, Lemon yellow turning to russet
Luminosa, bright deep pink suffused with salmon
Meteor, darkest red
Old Gold, burnished shades of deep and old gold
Oriole, orange and gold
Pastel shades
Polar Bear, white
Royal Purple
Scarlet Flame, bright scarlet

	Trade pkt.	Oz.
Each of above ... ¼ oz., 45c; ½ oz., 75c; ¼ lb. 4.00; lb., $14.50	$0.25	$1.25
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties ... ¼ oz., 45c; ½ oz., 75c; 4 ozs., $4.00; lb., $14.50	.25	1.25
Crown o' Gold (Desert Gold). Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow ...lb., $14.50; ¼ lb., $4.00; ¼ oz., 45c; ½ oz., 75c	.25	1.25
Super Crown of Gold Pastel Tints. Strictly a mixture of pastel tints and contains a wide color range including soft yellow, old gold, light pink, apricot pink, various salmon shades, peach, buff, lively cerise salmon, as well as pure white and cream. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top..lb., $14.50; ¼ lb. $4.00; ¼ oz., 45c; ½ oz., 75c	.25	1.25

ZINNIA SCABIOUS FLOWERED—Vaughans's Special Mixture

ZINNIA—Continued

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose
Cherry Queen
Crimson Queen. Best crimson
Daffodil. Canary-yellow
Enchantress. Pink
Isabellina. Creamy buttercup
Grenadier. A very dark red
Lavender Gem.
Lemon Queen. Lemon orange
Miss Willmott. Soft pink
Orange King. Orange scarlet
Pink Profusion. Shrimp pink
Purity. A clean pure white
Rose Queen. Deep rose
Salmon Queen
Scarlet Queen
Violet Queen. Dark violet

	Trade pkt.	Oz.
Each of the above.....lb., $13.50; ¼ oz., 40c; ½ oz., 65c	$0.25	$1.10
California Giants, Vaughan's Special Mixed. All colors.....lb., $13.50; ½ oz., 65c	.35	1.10

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange
Rosalie. Bright intense scarlet
Star Dust. Deep golden yellow
White Light. Pure white, excellent in flower arrangements
Wild Fire. Rich dazzling scarlet

	Trade pkt.	Oz.
Each of the above.....¼ oz., 60c	$0.25	$2.00
Fantasy mixed.....¼ oz., 50c	.25	1.80

Vaughan's Special Mixture of all Giant sorts including the cream of the Dahlia Flowered, California and other sorts, mixed.....¼ oz., 45c .25 1.50

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby, deep blackish maroon
Canary Yellow
Crimson
Deep Flesh bright pink
Golden Gem golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose, a lovely color
Scarlet Gem
Valencia burnt orange
White Gem

	Trade pkt.	Oz.
Each of above..... ¼ oz., 45c; ½ oz., 75c; 4 ozs., $4.00	$0.25	$1.25
Vaughan's Special Lilliput Mixture..... ¼ oz.. 45c; ½ oz., 75c; 4 ozs., 4.00	.25	1.25

SCABIOUS FLOWERED Harmony Type

Plants 2½ to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

	Trade pkt.	Oz.
Vaughan's Special Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white .....¼ oz., 50c	$0.25	$1.80

CUPID ZINNIAS 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter. Useful for corsage making.

Pixie. Bright yellow
Snowdrop. Pure clear white
Mixed

	Trade pkt.	Oz.
Each of the above.....¼ oz., 50c	$0.25	$1.60
Tiny Tim. Rich scarlet.....¼ oz., 45c	.25	1.25

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball
Coccinea Plena. Fireball.
Golden Orange
Spun Gold. Delicately tinted butter-yellow
Pinkie. Rose-pink.
Salmon-Rose. Remarkable shade, good for cut flowers.

	Trade pkt.	Oz.
Each of the above.....	$0.20	$0.80
Vaughan's Special Pumila. Mixed. The above shades. 4 ozs., $3.00.....	.20	.80

OTHER VARIETIES

Burpee's Super Giant. Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like Dahlia-flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades of cream, buff, apricot, salmon, rose and orange predominate with yellow, white, scarlet and crimson, and many two- and three-tone effects.....¼ oz., 60c .35 2.00

David Burpee. Strikingly different, of a form never before seen in Zinnias, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors.....¼ oz., 45c .25 1.40

Linearis. The plants grew about one foot high and about 18 inches in diameter. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. They literally cover the plant when in bloom..¼ oz., 60c .25 2.00

Mexicana (Haageana) Hybrida. Mexican Hybrids. Double mixed.....¼ oz., 60c .25 2.00

Navajo Mixed. Flowers resemble a Picta Double Gaillardia, in both form and colorings...¼ oz., 45c .25 1.40

Red Riding Hood. Scarlet. Button type..... ..... ½ oz., 75c; 4 ozs., $4.00; ¼ oz., 45c .25 1.25

Vaughan's Mixture of Midget Zinnias. Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream. In form, many would hardly be recognized as Zinnias. They are wonderful material for decorations.....¼ oz., 60c .25 2.00

ACHILLEA, The Pearl

We reccommend sowing perennial seeds in spring. Seed germinates better in the cool weather than in the heat of mid-summer, and the long growing season produces larger plants that winter over more successfully.

ALYSSUM Saxatile Compactum

ANTHEMIS Sancta Johannis

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Aconitum, Anemone, Clematis, Delphinium Cardinale, Delphinium, Nudicaule, Dictamnus, Dielytra, Doronicum, Incarvillea, Iris, Phlox Decussata, Primulas Trollius and nearly all Alpines.

Rock Garden subjects are marked ×.

	Trade pkt.	Oz.
Achillea Filipendula, Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 3 ft.	$0.35	.....
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in.	.35	.....
Tomentosa Aurea. × Flowers are umbells of Buttercup yellow above close set mats of silver gray foliage, 6 in.	.50	.....
Aconitum (Monk's Hood). Wilsoni. Mid-blue, large and late flowering ....¼ oz., 70c	.25	$2.40
Barker's Variety. Branching habit, flowers pretty amethyst blue....¼ oz., 80c	.25	2.80
Aethionema Coridifolium (Lebanon Candytuft). Light rosy purple, 8 in....⅛ oz., $1.50	.50	....
Agathea Coelestis (Blue Daisy). Pot grown plants in greenhouse, flower more freely. Plant seed in July, place in carnation house in fall..40 in. ¼ oz., 50c	.25	1.80
Allium Thibetica. Flowers on short stems in clusters are a lilac-mauve. Blooms during June and July, 9 in.	.50	....
Ruby. The flowers are in umbels about one inch in diameter and maroon red in color. Stems about 18 to 24 in. Blooms in July. Leaves rather small and few in number and extend up the stem about a third of its length	.50	.....
Allwoodii, see Dianthus.		
Alstroemeria Aurantiaca. Orange streaked red, 3 to 4 ft. ....¼ oz., $1.00	.35	.....
Alyssum Argenteum × Yellow-flowered, silvery foliage, 24 in....¼ oz., 50c	.25	1.80
Rostratum. Yellow. 16 in....¼ oz., 70c	.25	....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring....¼ oz., 30c	.15	1.00
Sulphureum (Citrinum). Sulphur-yellow, 15 in.... ....¼ oz., 65c	.25	2.20
ALYSSUM—Continued.	Trade pkt.	Oz
Serpyllifolium. 2 to 3 in. plant woody at base, covered with gray leaves, producing an abundance of small yellow flowers in April and May	$0.35	....
Rock Garden Perennial Species, Mixed	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., $5.00	.15	$0.50
Amsonia Tabernaemontana. Free flowering long stems, with willow-like foliage and lovely heads of light blue flowers in panicles. Especially good for cutting and hardy border. 2 to 3 ft.	.50	....
Anchusa Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft.	.15	.60
Dwarf Dropmore Variety (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft....¼ oz., 55c	.25	2.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.60
Morning Glory. Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open..¼ oz., 45c	.25	1.40
Myosotidiflora. × A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing. ....⅛ oz. $1.00; ¼ oz., $1.80	.50	.....
Riparia. Sturdy upright plants, branching habit; flowers intense blue, dark and rich color. Blooms the first year from seed	.35	....
Anemone (Windflower), Coronaria. His Excellency. × Single, scarlet, 1 ft....¼ oz., 50c	.25	1.80
Sylphide Blue. Light purple....¼ oz., $1.40	.50	5.00

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 ozs. (of a variety) at the pound price.

ANEMONE St. Brigid's Hybrids

AQUILEGIA Longissima. Hybrids. Tr. pkt., 50c.

AQUILEGIA Mrs. Scott Elliott's Hybrids.

Seeds of Biennials and Hardy Perennials

ANEMONE—Continued	Trade pkt.	Oz.
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ..... ¼ oz., 80c	$0.50	$2.80
Pulsatilla. × The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in. ..... ¼ oz., $1.00	.25	3.50
Sylvestris. × The "Snowdrop Anemone." A rather tall growing anemone with pure white nodding flowers in April to June, 12 in. ..... ¼ oz., $1.40	.50	5.00
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	.15	.60
Kelwayii Alba. Hardy white Marguerite, 3 ft.	.15	.80
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.60
Perry's Variety. Light yellow, varies 2 ft. ¼ oz., 45c	.25	1.40
Sancta Johannis. Brilliant yellow flowers about 1½ in. in diameter, borne singly at the termination of straight stiff leafless stems, 9 to 12 in. in length. Definite value for cutting. ..... ¼ oz., 70c	.25	2.40

AQUILEGIA × (Columbine)

Alpina. Blue. A beautiful short spurred form, 24 in. ..... ¼ oz., 60c	.25	2.00
California Hybrid. A light yellow, red spur. 3 ft. ..... ¼ oz., 60c	.25	2.00
Canadensis. Native variety, bright red and yellow, 30 in. ..... ¼ oz., 60c	.25	2.00
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 60c	.25	2.00
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. ..... ¼ oz., 90c	.35	3.20
Clematiflora. Mixed, Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades	.50	....
Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine ..... ¼ oz., 60c	.25	2.00
Coerulea. Mrs. Nicholls. Deep blue and bolder flower than coerulea blue ..... ⅛ oz., $1.20	.50	....
Rose Queen. Shades of rose with white corolla, 30 in. ..... ¼ oz., $1.20	.35	4.00
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer ..... ¼ oz., 85c	.35	3.00
Flabellata Nana Alba. Pure white early flowering 12 inch ..... ⅛ oz., $1.50	.50	....
Longissima. Long spurred delicate yellow ..... ⅛ oz., $3.75; 1/16 oz., $2.00	.50	....

AQUILEGIA (Columbine)—Continued	Trade pkt.	Oz.
Longissima Hybrids. Very long spurred variety in many attractive shades ..... 1/16 oz., $2.00; ⅛ oz., $3.75	$0.50	....
Long-Spurred Blue Shades ..... ¼ oz., $1.20	.50	$4.00
Copper Queen. Copper-red, straw-colored corolla, 18 in. ..... ¼ oz., $1.00	.35	3.60
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems ..... ⅛ oz., $2.00; ¼ oz., $3.50	.75	.....
Orange and Scarlet Shades ..... ¼ oz., 85c	.35	3.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. ..... ¼ oz., $1.00	.35	3.50
Special Mixture of Long Spurred Varieties. A mixture of superior American and English strains ..... ¼ oz., 1.00	.35	3.50
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine ..... ¼ oz., $1.00	.35	3.60
Skinneri. Scarlet spurs with yellowish green corolla. ..... ¼ oz., $1.00	.35	....
Suaveolens. Flowers a delightful blending of cream and lilac, fragrant, with lacy foliage. 25 in.	.50	....
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring. ¼ oz., $1.20	.50	....
Vaughan's Special Mixture. All types ..... ¼ oz., $1.00	.35	3.60

Arabis × Alpina. White flowers in dense masses. 1 ft. ..... ¼ oz., 55c	.25	1.80
Alpina Nana Compacta White, 8 in. ..... ¼ oz., 60c	.35	2.00
Rosea, Pink. 1 ft. ..... ¼ oz., $1.80	.35	....
Snow Cap. Extremely dwarf and compact habit, shining snow-white cushions of flowers. ..... ¼ oz., 75c	.25	2.80
Spring Charm. Rosy pink	.50	....
Arenaria Montana. × Makes broad masses of slender foliage 3 to 4 in. deep, which are smothered with large white flowers in late spring, needs sun and well drained soil, 12 in.	.50	....
Armeria Alpina. Compact tuft of foliage. Bright rose flowers, 3 in. ..... ⅛ oz., $1.50	.50	....
Formosa. Large Flowering Hybrids. 2 ft. ¼ oz., 75c	.35	....
Glory of Holland. Giant Pink. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting. ..... ⅛ oz., $1.50	.50	10.00
Laucheana. Rosy crimson. Evergreen foliage. 9 in. ..... ¼ oz., $1.50	.50	5.50
Mauritanica (Cephaloteos) Giant Thrift, rose and white, 2 ft. ..... ⅛ oz., 1.00	.50	....

Sow Perennial seeds—remember they require little heat, if any, and not much care.

ASCLEPIAS Tuberosa

CAMPANULA Medium Single

BAPTISIA Australis

Seeds of Biennials and Hardy Perennials

	Tr. pkt.	Oz.
Asclepias Tuberosa (Butterfly Weed). Produces umbels of varying orange colored flowers, lovely to cut and last a long time. 24 in.....¼ oz., 80c	$0.25	$2.80
Asphodelus Luteus. Yellow, fragrant, 3 ft...⅛ oz., 75c	.25	....
Aster Perennial. Large-Flowering Varieties, mixed. .....⅛ oz., $1.00; ¼ oz., $1.80	.50	6.50
Alpinus. Light blue. 1 ft.....¼ oz., $1.50	.50	....
Albus. Pure white. 1 ft.....	.50	....
Goliath. × Soft blue, largest flowered, fine, 15 in. .....¼ oz., $2.00	.75	....
Amellus Hybridus. Named varieties, finest mixed 30 in.....¼ oz., $1.00	.50	....
Spectabilis. Lovely deep blue blossoms of quite surprising size. Very showy.....	.50	....
Hybridus Luteus. Giant sprays of primrose yellow. .....⅛ oz., $1.00	.50	....
Farreri. Violet mauve with orange disc...⅛ oz. $1.00	.50	....
Star of Eisenach. Bright lavender blue with yellow center, long stemmed....1/16 oz., 90c; ⅛ oz., $1.60	.50	....
Aubrietia. Semi-double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades.....	.75	....
New Giant Flowered. (Monarch strain). All full petalled types equal to the best named varieties. Vastly superior in size and color range to any other strain raised from seed. Highly recommended... .....⅛ oz., $1.00; ¼ oz., $1.75	.50	....
Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.....¼ oz., 60c	.25	2.00
Bougainvillei. × Dark blue, 6 in.....¼ oz., $1.00	.35	....
Deltoidea. × Lilac, 6 in.....¼ oz., 75c	.25	....
Eyrii. × Free flowering large blue.....¼ oz., 75c	.25	....
Graeca. Large blue free flowering, 6 in...¼ oz., 75c	.25	....
Leichtlini. × Large-flowered, rosy purple..⅛ oz., $1.20	.50	....
Purpurea. True deep purple.....⅛ oz., $1.20	.50	....
Rosea Grandiflora. × Pink, 6 in.....⅛ oz., 50c	.25	....
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in.....	.35	....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers.. 2-4 ft.....	.15	.75
Bellis Perennis × or English Daisy, 6 in.	Tr. pkt.	Oz.
Monstrosa, Double Pink.....	$0.50	....
Double Crimson.....	.50	....
Double Red.....	.50	....
Double White.....	.50	....
Double mixed.....⅛ oz., $1.50	.50	....
Tubulosa Aetna. Rich deep red.....	.50	....
Glory of Frankfurt. Brilliant dark red.....	.50	....
Blackberry Lily (Belamcanda Chinensis). A perennial of easy culture in rich sandy loam in a sunny spot. Flowers orange spotted red. Seed stalks may be used in winter bouquets—are clusters of shining black seeds.....	.20	$0.80
Bocconia Japonica (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely cut leaves are topped by huge flower spikes, carrying creamy white blossoms.....	.20	.80
Boltonia Latisquama. Delicate pink, 4-5 ft..¼ oz., 85c	.25	3.00
Buphthalmum Salicifolium. Yellow, 18 in.....	.25	....
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in.....¼ oz., 85c	.35	3.00

CAMPANULA PERENNIAL SORTS

Carpatica × (Hare Bell). Forms a quickly widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in. .....¼ oz., 70c	.25	....
Alba. × White, 9 in.....	.25	....
Mixed. ×.....¼ oz., 85c	.25	....
Garganica. × A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in.....	.80	....
Lactiflora Coerulea. Light blue, 3 ft.....¼ oz., 50c	.25	1.80
Latifolia Macrantha. Blue, large-fld., 40 in. ¼ oz., $1.20	.35	....
Persicifolia (Peach Bell) Alba. White, fine, 30 in..... .....¼ oz., $1.00	.35	....
Coerulea. Blue, 30 in.....¼ oz., $1.00	.35	....
Telham Beauty. Very large bells of China blue, varies, 30 in.....⅛ oz., $1.20	.50	....
Wedgwood. Large flowers of deep violet blue. Will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes.	.50	....
Single mixed.....¼ oz., $1.00	.35	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SHASTA DAISY Alaska

Rock plants are followed ×, and the heights given are of the plants when in bloom.

CANDYTUFT Sempervirens

CARNATION Grenadin Mixed

Seeds of Biennials and Hardy Perennials

CAMPANULA—Continued	Trade pkt.	Oz.
Punctata. 28 in. Plants form rambling foliage mats with flower stalks of varying height from which hang big, pendant bells which are waxen without, downy within. Creamy pink to purple	$0.50	....
Pusilla. × Thimble shaped flowers of rich blue, carried on stems 4 in. high, which rise from a tuft of small, soft green leaves, July, 4 in.	.50	....
Pyramidalis Alba. White, 5 ft.	.35	....
Blue. Lavender-blue, 5 ft. ¼ oz., 70c	.35	....
Mixed. ¼ oz., 70c	.35	....
Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. Easiest of all Campanulas and a very charming one. ¼ oz., 70c	.25	....
Rotundifolia (Scotch Blue Bell). × Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in. ⅛ oz., $1.00	.35	....
Perennial Varieties. Mixed. ¼ oz., 60c	.25	$2.00
Rock Garden Varieties. Mixed.	.35	....

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch each. ¼ oz., 50c	.20	1.60
Calycanthema Mixed. ¼ oz., 50c	.20	1.60
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each	.15	.60
Single Mixed.	.15	.60
Double Blue. ¼ oz., 65c	.25	....
Rose. ¼ oz., 65c	.25	....
White. ¼ oz., 65c	.25	....
Mixed. ¼ oz., 65c	.25	....
Double and single mixed.	.20	1.00
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white. ¼ oz., 50c	.25	1.60
Jucunda (Lebanon Candytuft). Dwarf pretty pink, 4 in. ⅛ oz., $1.50	.50	....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in. ¼ oz., 25c	.15	.80
Sempervirens, 12 in. White. ¼ oz., $1.20	.50	4.00
Canterbury Bells. See Campanula Medium.		
Carnation Prof. Malmgreen. A new early flowering Vienna Dwarf Double type with gay brick red flowers. Fine for cutting. 14 in.	.50	....
Grenadin Red. Half high. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00

CARNATION GRENADIN—Continued	Trade pkt.	Oz.
Golden Sun. Golden yellow. ⅛ oz., $1.40; ¼ oz., $2.50	$0.50	$8.00
White, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Triumph Rose, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
King of the Blacks. Darkest red, very fine. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Mixed. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in. ¼ oz., 40c	.25	1.40
Centaurea Macrocephala. Radiant yellow thistle-like blooms often 4 in. across. 36 in. ¼ oz., 45c	.25	1.50
Perennial sorts mixed. ¼ oz., 60c	.25	2.00
Cephalaria Alpina. Sulphur-yellow. 5 ft. ⅛ oz., 50c; ¼ oz., 90c	.25	....
Cerastium × Tomentosum (Snowin Summer). Silvery white foliage, white flowers. 16 in. ¼ oz., 50c	.25	1.75

SHASTA DAISY—Diener's Double Giant.

Seeds of Biennials and Hardy Perennials

	Tr. pkt.	Oz.
Cheiranthus Allionii. Brilliant orange. 16 in. ¼ lb., $1.20	$0.15	$0.35
Golden Bedder. Deep golden yellow flowers, sweetly scented, long flowering. ¼ oz., 30c	.15	1.00
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in. ¼ oz., 70c	.35	....
Linifolius. Lilac. 18 in. ¼ oz., 40c	.25	1.40
Clove Pink. See Dianthus Plumarius.		

CHRYSANTHEMUM

Maximum Conqueror (Victor). Giant flowered white. ¼ oz., 30c	.15	1.00
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. ¼ oz., 25c	.15	.90
Fringed Semi-Double and Double. The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. ¼ oz., 90c	.50	3.00
King Edward VII. White. ⅛ oz., 50c	.25	....
Mrs. C. Lothian Bell. Single white. 3 ft.	.25	....
See also Shasta Daisy.		
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double. ⅛ oz., $2.00; ¼ oz., $3.50	1.00	....
September Jewels. September Jewels are the most important advance made in Chrysanthemums since the introduction of the Korean Hybrids. They are easy to grow from seed starting to bloom two to four weeks ahead of any other type and contain an extra-large number of beautiful colors. The plants grow 1 to 2 feet tall and the flowers measure about 2½ inches in diameter. 1/16 oz., $1.00; ⅛ oz., $1.75	.50	....

Columbine. See Aquilegia.		
Coreopsis Lanceolata Grandiflora. Very large golden yellow flowers, long stemmed, excellent for cutting. lb., $3.00	.15	.30
Lanceolata Auriculata Superba Diadem. Dark yellow with band of brownish red around disc. 3 ft. ¼ oz.	.25	.80
Double Sunburst (Double New Gold). Large double flowers 1½ to 2 in. across. ¼ oz., 25c	.15	.90
Mayfield Giant. Best large deep golden yellow. ¼ oz., 25c	.15	.80
Corydalis × Cheilanthifolia. Fern-like foliage, golden yellow flower spikes. April-Oct. 20 in.	.50	....
Sempervirens Rosea. Beautiful blue gray lacy foliage, lovely air swung blossoms in purest pink with gold tip. 12 to 18 inches. ⅛ oz., $1.00	.35	....
Cynoglossum Nervosum. A perennial, Chinese Forget-me-not, large blue flowers in May. 1/16 oz., 60c; ⅛ oz., $1.00	.35	....
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.		
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. ¼ oz., 30c	.20	1.00
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of singles. The second year they act like Pyrethrum Double in that they show practically 100% doubles. 1/16 oz., $1.25; ¼ oz., $3.50; ⅛ oz., $2.00	.50	.....
Diener's Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long. 1/16 oz., $1.00; ⅛ oz., $1.75	.50	....
Diener's Fancy Chiffon Shasta Daisy Glendale. The flowers are 2 inches across, have fringed and laciniated petals, interlaced, which are borne on strong stems. Seed from originator.	.75	....

DELPHINIUM PACIFIC GIANT HYBRIDS

Delphinium

See inside front cover for illustration in color

PACIFIC GIANT (Vetterle and Reinelt). This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Lancelot Series. Pure lilac self tone with white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

Pacific Giant. Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Dark Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Medium Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Giant Violet Shades.

Pacific Giant Mixed.

Each of above 7: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00.

DELPHINIUM—Continued

	Tr. pkt.	Oz.
Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.....¼ oz., 90c	$0.50	$3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. Mixed..... ⅛ oz., 80c; ¼ oz., $1.50	.50	5.40
Gold Medal Hybrids. Extra choice strain...¼ oz., 50c	.25	1.80
Belladonna. Blue Grotto. Deep blue, bee royal purple with cream center.....¼ oz., 75c	.35	2.80
Light Blue, Improved. Light blue, large flowered, strong grower. 4 to 5 ft....¼ oz., 80c; lb., $35.00	.40	2.80
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft..... .....lb., $35.00; ¼ oz., 80c	.40	2.80
Cardinale. Fine scarlet flowers, yellow center, 30 in. ..... ¼ oz., 75c	.35	2.80
Chinense Album Grandiflorum. White, 36 in. ¼ oz., 35c	.20	1 20
Blue. Gentian blue.....¼ oz., 35c	.20	1.20
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders .....¼ oz., $1.00	.50	....
Cambridge Blue. Rich belladonna blue...¼ oz., 65c	.35	2.20
Azure Fairy. Soft azure-blue, 20 in.....¼ oz., 40c	.20	....
Elatum Hybridum Indigo, True Blue. 5 ft.....	.35	....
Lamartine. The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost.....⅛ oz., 80c; ¼ oz., $1.40	.50	4.80
Nudicaule. × Brilliant scarlet with peach-red interior, 30 in.....¼ oz., $1.25	.35	....

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in. ¼ oz., 50c	.25	1.60
Nigrescens. Almost black.....¼ oz., 50c	.25	....
White .....¼ oz., 50c	.25	1 60
Dwarf Midget Mixed.....¼ oz., 85c	.35	3.00

DIANTHUS BARBATUS—Continued

	Trade pkt.	Oz
Double Mixed.....¼ oz., 65c	$0.25	$2.20
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.		
Single Blood-red (Atrosanguineus).....¼ oz., 50c	.25	1 60
Special Giant White. Enormous trusses of bloom. .....¼ oz., 75c	.35	2.40
Homeland. A most unusual color, dark red with large, sharply defined clear white center..... .....¼ oz., $1.00	.50	....
Nigrescens. Very dark, almost black..¼ oz., 40c	.20	1.40
Newport Pink Salmon-pink.....¼ oz., 70c	.25	2.40
Purple Beauty. Bright deep purple.....	.35	....
Scarlet Beauty. Scarlet.....¼ oz., 70c	.25	2.40
Dwarf Midget Mixed.....¼ oz., $1.40	.50	5.00
Mammoth Flowered. Single mixed....¼ oz., 50c	.25	1.80
Vaughan's Special Mixture. Double and single of above choice varieties .....¼ oz., 70c	.35	2.40

DIANTHUS PLUMARIUS—Clove Pinks ×

Albus Plenus. Double white.....	.50	....
Cyclops. Red Hybrids.....¼ oz., $1.00	.35	3.60
Highland Queen. Bright crimson.....	.50	...
Highland Rose Hybrids Mixed. Beautiful and varied mixture, expecially noted for their fragrance and long flowering.....¼ oz., $1.00	.35	3.60
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double.....⅛ oz., $1.20	.50	....
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.....1/16 oz., $1.00	.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....¼ oz., 70c	.25	2.40
Single Mixed.....¼ oz., 40c	.15	1.40
Double. Fine mixed.....¼ oz., 70c	.25	2.40
Double Early-Flowering. Dwarf Mixed..¼ oz., $1.00	.35	....
Semperflorens. Double and Semi-Double Mixed ... .¼ oz., 60c	.30	2 20
Vaughan's Special Mixture.....¼ oz., 90c	.35	3 20

DIANTHUS—SORTS

Allwoodii. × 18 in. Mixed colors. Double, semi-double and single flowers in a wide color range. ⅛ oz., $1.00	.35	....
Alpinus. Mixed colors. × Glossy leaves, large flowers various shades of pink and rose..... ..... ⅛ oz., 80c; ¼ oz., $1.40	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in. ¼ oz., 70c	.25	2.40
Barbatus × Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year.....¼ oz., 25c	.15	.80
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large fragrant rose-colored flowers..... .....¼ oz., 65c	.25	2.20
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William.....	.35	....
Deltoides Brilliant (Maiden Pink). × Beautiful little prostrate plant, narrow leaves with a profusion of small crimson red flowers.....¼ oz., 70c	.35	2.40
Erecta Red.....⅛ oz., $1.00	.50	....
Major Stern's Variety. Bright crimson, dark foliage. .....¼ oz., 70c	.35	2.40
Mixed. Fine for rock gardens.....	.35	....
Graniticus. × Carmine. 9 in.....	.35	....
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage.....	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout 15 to 18 in. stem..¼ oz., 40c	.20	1.40
Loveliness. Large laciniated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.....1/16 oz., $1.35	.50	....

DICTAMNUS Fraxinella Gas Plant

MYOSOTIS Blue Eyes

DIGITALIS

Seeds of Biennials and Hardy Perennials

DIANTHUS Sorts—Continued		Trade pkt.	Oz.
Neglectus × (Glacier Pink). Is about 3 in. high with close tufts of foliage and many very fine salmon pink flowers	1000 seeds, $3.00; 100 seeds, 35c	...	....
Rose Cushion. From a little cushion of gray-green foliage that is evergreen in character, hundreds of straight stems arise, and in late May the flowers appear as if by magic. The color is pure pink, flowers about ¾ in. across, plants about 3 to 4 in. tall		$0.50	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft	¼ oz., 40c	.20	$1.40
Sweet Wivelsfield Double mixed	¼ oz., 60c	.25	2.20
Best Rock Work Species Mixed ×	¼ oz., 60c	.25	2.20
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in.,	⅛ oz., $1.25	.50	....
Dicentra Eximia (Plumy Bleeding Heart). Dwarf. 12 in	¼ oz., 70c	.25	2.40
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in	¼ oz., 50c	.25	1.75
Fraxinella Albus. White, 30 in	¼ oz., 50c	.25	1.75
Mixed	¼ oz., 50c	.25	1.75
Dielytra Spectabilis	⅛ oz., $2.50; ¼ oz., $4.50	.75	....

DIGITALIS (Foxglove)

Hybrida Lutzii. Salmon hybrids. 4 ft	¼ oz., 50c	.25	....
Gloxiniaflora. Mixed, spotted flowers, 4 ft	¼ oz., 40c	.20	1.40
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft	¼ oz., 60c	.25	2.20
Grandiflora. Chrome-yellow. Marked with brown. (Ambigua), 36 in	⅛ oz., 60c	.25	....
Laevigata. Bronzy yellow flowers with whitish lip		.35	....
Nevadiensis. It is a small flowered species, long lived and exceedingly floriferous. Blooms are creamy yellow, carried in long graceful wand-like spikes, all blooms drooping on one side	⅛ oz., 85c	.25	....
Orientalis. 30 in. Blossoms of silvery down, on cream, all laid about with an even netting of chestnut brown.		.50	....
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower	¼ oz., 50c	.25	1.80
Vaughan's Special Mixture	¼ oz., 50c	.25	1 80

FORGET-ME-NOT × (Myosotis)

		Tr. pkt.	Oz.
Alpestris Blue Eyes. Bright blue with white eye, large, early	¼ oz., $1.20	$0.35	$4.00
Indigo Blue (Royal Blue). 12 in	¼ oz., 70c	.25	2.40
Indigo Blue Compacta. Deep blue	⅛ oz., 75c; ¼ oz., $1.30	.35	4.80
Rosea. 12 in	¼ oz., 80c	.25	2.80
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft	⅛ oz., 60c	.35	3.20
Victoria. Dwarf globular strain. 8 in.: Sky-blue. Excellent variety	¼ oz., $1.40	.35	4.00
Indigo Blue. Fine dark blue		.50	....
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding	¼ oz., 85c	.35	3.00

Echinops (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings. Grow in clumps in full sun	¼ oz., 75c	.25	....
Edelweiss. × Pretty silvery white leaves, star like heads clothed with a dense white wooly substance. 6 in.	1/16 oz., $1.00	.50	
Eremurus, known as Fox Tail Lilies and Desert Candles. Mixed	⅛ oz., $1.00; ¼ oz., $1.75	.50	....
Erinus × Alpinus. Purple, for borders, 6 in.		.50	....
Eryngium Amethystinum. True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft	¼ oz., 70c	.25	2.40
Giganteum. Silver Thistle. Greenish white		.50	....
Planum. Cornflower blue, globular heads, 4 ft.		.25	....
Euphorbia Corollata (Wild Baby's Breath). Resembles Gypsophila but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft	¼ oz., 90c	.35	3.40
Myrsinites. A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring 3 in.	⅛ oz., $1.00	.35	....
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.	1/16 oz., 80c; ⅛ oz., $1.40	.50	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Monarch Strain

GEUM Mrs. Bradshaw

GERBERA Jamesoni Flowerland Strain

Seeds of Biennials and Hardy Perennials

GAILLARDIA Grandiflora

	Trade pkt.	Oz.
Burgundy. Self colored wine-red, 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ¼ oz., 65c	$0.25	$2.20
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ¼ oz., 50c	.25	1.80
Goblin. Very compact globular plants, red and yellow bicolor. ¼ oz., 65c	.25	2.20
Maxima Aurea. Very large golden yellow flowers with large red eye. ¼ oz., 50c	.25	1.80
Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form. ¼ oz., 50c	.25	1.80
Portola Hybrids. The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft. ¼ oz., 50c	.25	1.80
Sungod. The full circular flowers are of a rich golden yellow without a trace of any other color. The large self colored blooms supported by stout stems above the pale green foliage continue from early summer until late in fall.	.35	....
Tangerine. Vivid tangerine orange. ¼ oz., 50c	.25	1.80
The King Regalis. Deep red, edged gold, large flowers ¼ oz., 50c	.25	1.80
Torchlight. Bright golden yellow, rich maroon center. 2 ft. ¼ oz., 50c	.25	1.80

Gas Plant, see Dictamnus.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. 100 seeds, 45c; 500 seed $1.75; 1000 seeds, $3.00	....	....
Geum Boresii (True). Is an evergreen species with foliage rather prostrate and branching flower stems 8 to 12 in. long. Orange scarlet flowers produced abundantly over a long period	.75	....
Lady Stratheden × (Golden Ball). The blooms are large double rich golden yellow. 2 ft. ¼ oz., 50c	.25	1.80
Mrs. Bradshaw. × Large double fiery orange red. 2 ft. ¼ oz., 50c	.25	1.80
Orange Queen. Large double orange-scarlet. 2 ft. ⅛ oz., 65c; ¼ oz., $1.20	.35	4.00

GEUM—Continued	Trade pkt.	Oz.
Prince of Orange. True orange. ⅛ oz., 65c; ¼ oz., $1.20	$0.35	$4.00
Mixed. ¼ oz., 60c	.25	2.20
Globularia Trichosantha (Globe Daisy). Dwarf small globe-shaped flowers of dark blue. 12 in.	.35	....
Gypsophila Acutifolia. Strong growing plant which branches freely and grows to 3 feet. The many tiny flowers are flushed pink and make an attractive mass. Flowers in midsummer	.25	....
Mangini. An improved Acutifolia. ¼ oz., 60c	.25	2.00
Oldhamiana. Great tangles of airy, misty blossoming in pinks. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. ¼ oz., 65c	.25	2.20
Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 75c	.25	2.70
Paniculata Snow-White Double. Pure white double strain. 2 ft. ¼ oz., $1.25	.50	4.40
Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., $1.50	.15	.50
Repens × White flowers, trailer, good border or rock plant. 6 in. ¼ oz., 60c	.25	2.20
Rosea. Pink. ¼ oz., 60c	.25	2.20
Helenium Autumnale Superbum. Broad heads of deep golden yellow flowers in late summer. ⅛ oz., 60c; ¼ oz., $1.10	.35	....
Bigelowi. Yellow dark disc, for cutting. 20 in. ¼ oz., 90c	.35	3.20
Hoopesi. Yellow. Early flowering. 30 in. ¼ oz., 45c	.25	1.40
Riverton Gem. Flowers open as old gold and terra-cotta changing to wallflower red. 3½ ft. ¼ oz., $1.00	.35	3.60
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ¼ oz., 40c	.20	1.40
Helianthus (Sunflower). Orgyalis (Willow-leaved Sunflower). Stems densely clothed with whorls of finely cut graceful foliage and bearing numerous heads of bright yellow flowers with black central disc, in fall. 7 ft.	.25	....
Heliopsis Laevis Pitcheriana. Deep golden yellow flowers, 2 in. in diameter, very thick texture. Good cut flower. 4 ft. ¼ oz., 65c	.25	....
Lemoine's Giant. A very brilliant border plant; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year. ¼ oz., 70c	.35	2.40

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GYPSOPHILA Oldhamiana

LATHYRUS Latifolius

Seeds of Biennials and Hardy Perennials

		Trade pkt.	Oz.
Hesperis Matronalis (Sweet Rocket). Fragrant purple flowers in showy spikes. 40 in.		$0.35	....
Matronalis Alba. White. Sweet scented. 40 in.		.35	....
Heuchera × Sanguinea Splendens. Bright vermilion.		.50	....
Sanguinea Hybrida Mixed	1/16 oz., 75c	.35	....
Hoodacres Hybrids. Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades.		1.00	....
Hibiscus Crimson Eye. White with red eye. 4 ft.	1/4 oz., 35c	.20	$1.20
Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red	1/4 oz., 50c	.25	1.75
Mallow Marvels. Mixed. 4 ft.	1/4 oz., 35c	.20	1.20
Red	1/4 oz., 35c	.20	1.20
Rose	1/4 oz., 35c	.20	1.20

Hollyhocks. Double.

Appleblossom
Chamois. Buff yellow
Crimson
Deep Salmon Red
Lilac Beauty
Maroon
Deep Rose. Carmine rose
Newport Pink
Purple Robe. Purple amaranth
Salmon Rose
Scarlet (Blood Red)
White
Yellow

Each of above 1/4 oz., 50c; trade pkt., 30c; oz., $1.50.

Chater's Prize. Double Mixed	1/4 oz., 50c	$0 30	$1 50
Palling Belle. Lovely silvery pink flowers.	1/4 oz., 65c	.35	2.00
Imperator, Improved ("Begonia Flowered" Crested Mixed). Collar of frilled and fringed edges	1/4 oz., 55c	.30	1.80
Souvenir Mixture. Semi-double with notched or toothed edges. Rich yellows and pinks, very pleasing	1/4 oz., 50c	.30	1.50
Triumph. Double waved and fringed flowers in delicate art shades	1/4 oz., 50c	.30	1.50
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny	1/4 oz., 50c	.30	1.80
Single mixed		.25	.75
Allegheny. Mammoth-flowering. Semi-double flowers. Mixed	1/4 oz., 25c	.15	.70
Everblooming Double Hybrids, mixed. If sown early will bloom first year	1/4 oz., 40c	.25	1.20

HOLLYHOCKS—Continued

		Trade pkt.	Oz.
Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early	1/4 oz., 50c	$0.25	$1.60
Inula × Ensifolia. Compact bushes 16 in. high with large daisy-like flowers in July and Aug. Prefers full sun and soil that is not too rich. 12 in.		.35	....
Glandulosa Grandiflora. Orange. 2 ft.		.35	....
Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer	1/4 oz., 65c	.35	2.20
Kaempferi. Mixed. Most seedlings bloom the second year. 18 in	1/4 oz., 35c	.20	1 00
Siberian Mixed. 36 in.	1/4 oz., 35c	.20	1 0
Isatis Glauca. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft.	1/4 oz., 60c	.35	....
Jasione Humilis. Very dainty lavender blue flowers like a scabiosa in June and July. 1 ft.		.35	....
Kenilworth Ivy × (Linaria Cymbalaria). Pretty trailing variety. Pink		.25	....
Lathyrus Latifolius (Everlasting Pea). Mixed	1/4 oz., 30c	20	1.00
Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft.	1/4 oz., 30c	.20	1.00
Red. Magenta. 7 ft.	1/4 oz., 30c	20	1 00
White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft.	1/4 oz., 30c	.20	1.00
Lavendula Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera	1/4 oz., 85c	.35	3.00
Vera. True Lavender.	1/4 oz., 55c	.35	1.80
Liatris Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft.	1/4 oz., 75c	.30	2.60
Spicata (Blazing Star). Purple rose, 20 in.	1/4 oz., 90c	.35	3.20

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LILIUM Longiflorum Praecox White Queen

LOBELIA Cardinalis

LUNARIA Biennis

Seeds of Biennials and Hardy Perennials

LIATRIS—Continued		Trade pkt.	Oz.
Scariosa. Violet-purple. 4 ft.	¼ oz., 90c	$0.35	$3.20
Alba. Is stocky, almost bushy and has several full flowering stalks growing about 2½ ft. high. The flowers are attractive white pompons thickly studding the main stalk as well as the branches.	¼ oz., $1.50	.50	5 50
September Glory. A giant 6-foot spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. Late flowering. September	¼ oz., $1.40	.50	5.00
Linaria Cymbalaria, × Pink. 3 in.		.25	....
Dalmatica. Lemon yellow. 3 ft.	¼ oz., 40c	.25	1.40
Macedonica Speciosa. Nymph. Creamy white. 36 in.		.35	....

Lilies

Culture on Lilies from seed sent free with order.

Creole. × White Queen Hybrid. A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen	100 Seeds $1.00	...	....
Concolor. Erect fiery scarlet with dark red spots.	¼ oz., 65c	.25	2.20

Longiflorum Praecox (White Queen). Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.75 ¼ oz., $3.20; oz., $12.00.

		Trade pkt.	Oz.
Regale. Pink outside, interior primrose-yellow. 3 to 5 ft.	¼ oz., 35c	$0.20	$1.20
Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red flowers up and down the stem. 20 in.	¼ oz., 40c	.25	1.40
Linum Alpinum. × Pale blue. Prostrate habit		.50	....
Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in.		.15	.50
Perenne Fl. Album. Neat white flowers. 30 in.		.20	.80
Mixed		.15	.50
Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft.	¼ oz., 75c	.25	2.60
Compactum Nanum. × Glowing golden yellow, dark green foliage. Everbloomer, 6 in.	1/16 oz., 70c	.35	....
Lewisii. An exceedingly robust species with great arching sprays of fragrant blue flowers with pale blotches. 2½ ft.	¼ oz., 75c	$0.35	$2.60
Narbonense. Azure blue, flowers with white eye, graceful habit. 30 in.	¼ oz., 75c	.35	2.60
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue	⅛ oz., 65c; ¼ oz., $1.10	.35	....
Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. 36 in.	¼ oz., 80c	.25	2.80
Syphilitica. (Great Blue Lobelia). Blue flowers, streaked with white. 24 in.	⅛ oz., 60c; ¼ oz., $1.00	.25	....
Lunaria Biennis. (Honesty). Lilac purple flowers, silvery pod	¼ oz., 35c	.25	1.20
Biennis Alba	¼ oz., 35c	.25	1.20
Mixed	¼ oz., 35c	.25	1.20
Lupinus Polyphyllus.			
Albus. Large, pure white spikes. 2 to 3 ft.	¼ oz., 25c	.15	.80
Carmineus. Carmine shades	¼ oz., 50c	.25	1.60
Coeruleus Blue	¼ oz., 35c	.15	1.00
Roseus. Very pretty rose shades. 3 ft.	¼ oz., 85c	.35	2.80
Six Hills Scented. Flowers are sweetly scented and have a great range of color	¼ oz., .40c	.25	1.20
Harkness' Regal Mixture. A mixture of charming colors, in which rose, buff, flesh and salmon shades predominate	¼ oz., 30c	.20	1.00
Downer's Hybrids. Perpetual flowering hybrids	¼ oz., 50c	.25	1.60
Russell. A marvelous selection of Perennial Lupins. Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower. The Russell Lupins have three virtues, not including color, that the older varieties lacked: ability to travel well when cut, less tendency for the lower flowers to fade before the whole spike is out and excellent keeping qualities in the house. **Grown from originator stock seed.**	¼ lb., $6.00; lb., $20.00.	.35	1.80
Sunshine Arborous type. Light yellow.	¼ oz., 40c	.25	1.20
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins,	¼ oz., 30c	.20	1.00

LUPINUS Polyphyllus
Russell Mixture

MATRICARIA Double Select White

PENSTEMON

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Lychnis Alpina. × Rose. 12 in.	$0.35	....
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft. ¼ oz., 70c	.25	$2.40
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft. ¼ oz., 55c	.25	1.80
Chalcedonica. Vivid scarlet flowers. 36 in. ¼ oz., 40c	.25	1.40
Forrestii Hybrids. Showy panicles of carmine, crimson, pink and white flowers, 2 ft. ⅛ oz., 70c	.35	....
Haageana Scarlet. Large brilliant orange scarlet flowers. 18 in.	.35	....
Viscaria Splendens. Early, deep rose, 16 in. ¼ oz., 45c	.25	1.40
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in. ¼ oz., 50c	.25	1.75

Matricaria. (Feverfew). Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 35c; ⅛ oz., $1.00; ¼ oz., $1.75.

	Trade pkt.	Oz.
Matricaria Golden Ball. Striking double golden yellow. 8 in. ¼ oz., 60c	$0.25	$2.00
Snowball. Double white. 8 in. ¼ oz., 60c	.25	....
Monarda (Bergamot or Bee Balm). Didyma Hybrida. Mixed. 36 in. ⅛ oz., 70c	.35	....
Myosotis. See Forget-Me-Not.		
Native Wild Flowers. Mixed. ¼ oz., 60c	.25	2.20
Nierembergia Hippomanica (Coerulea). The lovely lavender-blue flowers, heightened by a touch of yellow in the center, are most charming. Plants are compact, not over 5 or 6 inches tall. As an edging plant it is unexcelled, and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. 1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Coerulea, Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color, from which it was selected. 1/32 oz., $1.65; 1/16 oz., $3.00	.50	....
Oenothera. Lamarkiana. Large yellow flowers on long spikes, 2 ft.	.15	.50

POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

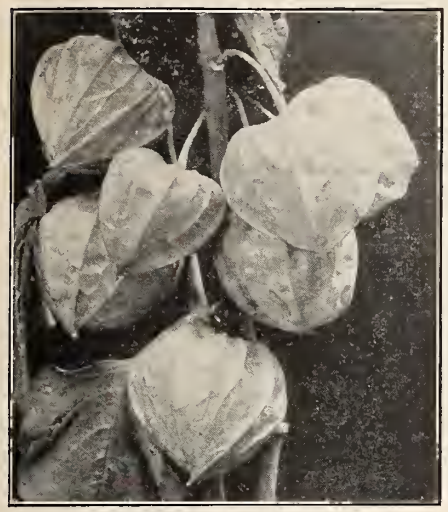
	Trade pkt.	Oz.
Papaver Lateritium. 20 in. Flowers terra-cotta tinted salmon, foliage is feathery with a slight blue cast.	$0.50	....
Nudicaule × (Iceland). Amurense "Yellow Wonder." Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ¼ oz., 65c	.25	$2.40
Coonara. Salmon, pink and rose shades. 1½ ft. ¼ oz., 65c	.25	2.20
Gibson's Giant Orange. ¼ oz., 65c	.25	2.20
The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink. ¼ oz., 70c	.25	2.40
The Emperor. Large-flowered, orange, long-stemmed. ¼ oz., 70c	.25	2.40
Gartford Giant Art Shades. This mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades. ¼ oz., 65c	.25	2.20
Red Cardinal. 12 in. Brilliant cardinal red. ¼ oz., 65c	.25	2.20
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 80c	.25	2.80

ORIENTAL POPPY

The named varieties of Oriental Poppies **do not** come entirely true from seed.

Orientale (Oriental Poppy). Scarlet. 3 ft. ¼ oz., 55c	.25	1.80
Brilliant. Brilliant fiery red. 40 in. ⅛ oz. 80c	.35	....
Beauty of Livermere. Oxblood-red with dark blotch. ¼ oz., $1.00	.35	3.40

Rock plants are followed by ×, and the heights given are of the plants when in bloom.



PHYSALIS Franchetti Gigantea

PLATYCODON Gigantea

SINGLE PYRETHRUM
Robinson's Giant Hybrids Mixed

Seeds of Biennials and Hardy Perennials

ORIENTAL POPPY—Continued

		Trade pkt.	Oz.
Mahony. Maroon-crimson. 40 in.	¼ oz., $1.00	$0.35	....
Mrs. Perry. Salmon-rose.	⅛ oz., 1.00	.35	....
Perry's White. White flowers with a tinge of blush.	1/16 oz., $1.00	.50	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in.	¼ oz., $1.00	.35	....
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower. 2 ft.	⅛ oz., $1.00	.50	....
New Oriental Hybrids. From a collection of new named sorts.	¼ oz., $1.00	.35	$3.50
Vaughan's Special Mixture	¼ oz., $1.00	.35	3.50

Pentstemon. Confertus Blue. High above the foliage are great showy blossom clusters. Effect is a brilliant blue, the tubes touched with violet. ¼ oz., 80c .25 2.80

Digitalis. White tinted violet. 36 in. ¼ oz., 80c .25 ....

Heterophyllus. Blue Gem. × Flowers bright gentian-blue shaded with light violet. June to August, 14-18 in. ¼ oz., 80c .25 2.80

ORIENTAL POPPIES

PENTSTEMON—Continued

		Trade pkt.	Oz.
Grandiflorus. Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft.	¼ oz., $1.00	$0.30	$3 60
Ovatus. Base branching plants, with flowers carried in loose clusters well above the foliage. Blossoms of a most attractive lavender, buds a bit deeper color. Foliage is a glorious copper crimson in fall.	¼ oz., 80c	.25	2.80
Pubescens. Violet-purple, lips white. 18 in.	⅛ oz., $1.00	.35	....
Perennial Varieties. Mixed.	⅛ oz., 65c; ¼ oz., $1.10	.35	....

Phlox. Divaricata. Flowers of royal blue-lavender which varies a bit. Fragrant. 1¼ ft. ⅛ oz., 65c; ¼ oz., $1.20 .35 4.00

Decussata Mixed. 2-3 ft. This special mixture comes from a superior collection of large-flowering sorts. We flowered this mixture in our nursery last summer and were greatly pleased with the size of the flowers and flower-heads and colors. Perennial Phlox do not come true from seed and can be had only in mixture. Seed germinates slowly. ¼ oz., 90c .30 3.20

Physalis Franchetti Gigantea (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations. ⅛ oz., $1.00; ¼ oz., $1.75 .35 ....

Physostegia Virginica Vivid. (Obedient Plant). 20 in. It blooms three weeks later than the other Physostegias; the individual flowers are larger and of a deeper, more vivid pink. ⅛ oz., 70c; ¼ oz., $1.25 .50 4.00

Platycodon Grandiflorum. Blue, 28 in. ¼ oz., 80c .35 3.00

Grandiflorum. Album. White, 28 in. ¼ oz., 55c .25 1 80

Mixed, 28 in. ¼ oz., 60c .30 2.00

Coeruleum Plenum Double Blue. ⅛ oz., $1.00 .50 ....

Praecox Gigantea. Early-flowering blue. ¼ oz., 80c .35 3.00

Gigantea. Early Flowering White. ⅛ oz., 70c .35 ....

Mariesii. Dark blue, dwarf. 16 in. ¼ oz., 80c .25 3.00

Alba. White and faint blue, dwarf. 16 in. ¼ oz., 80c .25 3.00

Polemonium Coeruleum. (Jacob's Ladder) Large blue flowers in loose heads. 30 in. ¼ oz., 50c .25 ....

Coeruleum Album. White. 30 in. .35 ....

Richardsoni. Dwarf, blue, early. 20 in. ¼ oz., 80c .25 ....

Reptans. Flower sprays of china blue. Mounds of blossoms. 12 in. ⅛ oz., $1.00; ¼ oz., $1.75 .35 ....

Polyanthus (See Primula Veris).

Potentilla Formosa × Cherry-red. 12 in. ⅛ oz., 50c .25 ....

Nepalensis × Miss Willmott. Bright carmine rose, 12 in. ¼ oz., 65c .25 ....

Roxana. Brilliant salmon with darker veins, 18 in. .35 ....

Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. ¼ oz., 70c .25 ....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

PRIMULA Veris Monarch Strain

SALVIA Azurea Grandiflora (Pitcheri)

STOKESIA Cyanea

Seeds of Biennials and Hardy Perennials

PRIMULA

	Trade pkt.	Oz.
Acaulis Blue. The finest obtainable being regular and rich in color. 100 seeds, 65c; 500 seeds, $2.75; 1000 seeds, $5.00	...	....
Auricula. × Extra Large Flowered. Mixed, 6 in. ..... 1/8 oz., $1.80; 1/4 oz., $3.20	.75	....
Bullesiana Hybrids. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	.50	....
Bulleyana. Flowers yellow, bud terra-cotta.	.50	....
Cortusoides. Rosea. Soft wrinkled heart shaped leaves, 10 in.	.50	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft. ..... 1/16 oz., $1.00	.50	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. ..... 1/8 oz., $1.00	.50	....
Japonica. × Special Strain. Mixed. 20 in. . 1/16 oz., 85c	.50	....
Etna. Flowers of a warm terra cotta shade.	.50	....
Officinalis, Cowslip, yellow. 10 in. ..... 1/4 oz., $1.20	.35	$4.00
Sikkimensis. Yellow. Drooping flowers. 15 in.	.50	....
Sieboldii. A charming and decorative race of Primulas requiring light woodland conditions of partial shade and a cool leaf soil, under which conditions they increase vigorously, slight protection is desirable in very cold weather. The large rich green leaves are crinkled and scalloped and the upright stems bear a quantity of large brightly colored flowers in April and May. 9 in. They also make splendid pot-plants for the cold greenhouse. They vary from pure unmarked white, through the palest pink and deep lavender to cerise. Some have white faces backed in pink or lavender. ..... 1/16 oz., $1.00	.50	...
Veris Kleynii. Extra long heavy stems, averaging 12 inches, immense heads of 15 to 25 florets, each floret 1 to 1½ inches in diameter, rich golden yellow shaded apricot. Plants average 6 large spikes each. Is also hardy outside anywhere in the U. S. A. 100 seeds, $1.00; 250 seeds, $2.00; 1,000 seeds, $6.50	...	....
Giant Munstead Strain. Light shades. . 1/4 oz., $4.00	.75	15.00
Monarch Mixed. Is the result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors. . 1/4 oz., $4.00	.75	15.00
Lutea. × Yellow. 12 in. ..... 1/8 oz., $1.20	.50	8.00
White. 12 in. ..... 1/16 oz., $1.50	.75	....
Pink Shades see novelties for description. 100 seeds, 65c; 500 seeds, $2.75; 1000 seeds, $5.00	...	....
PRIMULA Veris—Continued	Trade pkt.	Oz.
Red shades. Splendid mixture. 12 in. . . 1/16 oz., $1.50	$0.75	....
Grandiflora. Mixed. ..... 1/4 oz., $3.00	.75	$10.00
Giant Bouquet. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden. ..... 1/16 oz., $2.00; 1/8 oz., $3.50	1.00	....
Vulgaris. × True. Yellow Primrose. 6 in. ..... 1/8 oz., $1.00; 1/4 oz., $1.75	.50	....

PYRETHRUM (Painted Daisies)

Roseum. Atrosanguineum. Dark red shades. 1/4 oz., $1.70	.50	....
James Kelway. Deep scarlet varies. ..... 1/8 oz., $1.30	.75	8.00
Single mixed. ..... 1/8 oz., $1.00	.50	....
Robinson's Giant Hybrids. Mixed. ..... 1/8 oz., $1.35	.75	....
Giant Dark Crimson. Single large disk-like flowers of rich crimson red, flowers freely, fine for cutting. ..... 1/8 oz., $1.35	.75	....
Uliginosum. Giant Daisy. White; late. 4 ft. 1/4 oz., $1.20	.35	....

Ranunculus Double Camellia Flowered. Mixed. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. . 1/4 oz., $1.25	.50	....
Claremont Hybrid Sunset, Orange. ..... 1/4 oz., $1.75	.75	6.00
Huntsman, Red. ..... 1/4 oz., $1.75	.75	6.00
Hybrids, Mixed colors. ..... 1/4 oz., $1.60	.75	5.50
Rehmannia Angulata. Large Incarvillea-like flowers in rose and red shades. 24 in.	.50	....
Rock Plants. Perennial Mixed. ..... 1/4 oz., 40c	.25	1.40
Romneya Coulteri (California Giant Poppy). Beautiful snowy white fragrant flowers. 4 ft. . . . 1/4 oz., 70c	.35	2.40
Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in yellow, bronze and brown shades on long, firm stems. ..... 1/4 oz., 50c	.25	1.80
Purpurea (Echinacea). 4 ft. ..... 1/4 oz., 70c	.30	2.40
Ruellia Ciliosa. In form and coloring the flowers resemble Petunia Heavenly Blue, with the same silvered sky-blue and lavender reflections. It likes full sun and hot dry places. Sown in very early spring, will often bloom first year. 1 ft.	.35	....
Salvia Azurea Grandiflora (Pitcheri). Tall growth and long stalks. The deep blue flowers in long racemes. ..... 1/4 oz., 60c	.25	2.00
Patens. Very large flowers, splendid blue, free bloomer. ..... 1/4 oz., $1.40	.50	5.00
Pitcheri. See Azurea Grandiflora.		

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

RANUNCULUS Claremont Hybrids

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Saponaria × Ocymoides Splendens. Rosy pink. Pretty border or rock plant ..... ¼ oz., 65c	$0.25	$2.20
Saxifraga. Mossy Varieties mixed	.50	....
Scabiosa Caucasica Alba. Pure white. 40 in. ¼ oz., $1.00	.35	3 60
Caucasica Perfecta. Lavender. Improved form, fringed flowers, very large and beautiful ..... ¼ oz., 65c	.30	2.40
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white. ..... ¼ oz., 90c	.35	3.20
Goldingensis. Large flowers, waved petals, small center, deep lavender ..... ¼ oz., 90c	.35	3.20
Vaughan's Special Mixture. All the above Caucasica types ..... ¼ oz., 90c	.35	3.20
Fischeri. Flower is 2½ inches across and is beautiful rich violet blue color. 2½ ft ..... ¼ oz., 65c	.30	2.20
Columbaria Delicate Pink. Not hardy in the mid-western and northern states. 2 ft ..... ¼ oz., 65c	.30	2.40
Japonica. Lavender blue flowers. 30 in	.30	1.00
Webbiana. Large fluffy flowers of pure true cream, splendid hardy variety, always in bloom. Cuts well. Neat foliage, blooming June to November ..... ¼ oz., $1.00	.35	3.60
Sidalcea Rose Queen. Splendid rose flowers. ¼ oz., 65c	.25	2.20
Rosy Gem. Mallow rose, 18 in	.25	....
New Hybrids. Mixed	.25	....
Silene Alpestris. × Sheets of glistening white flowers from May to July. Prefers shade. 6 in	.50	....
Orientalis. × Bright red flowers in terminal umbels. 30 in ..... ¼ oz., 40c	.25	....
Saxifraga. × Creamy white, tinged red, 10 in.	.50	....
Schafta. × Bright pink, trailing habit, July. 8 in. ..... ¼ oz., 65c	.25	2.20
Statice Latifolia. Small lavender-blue flowers in large panicles. 1 ft ..... ¼ oz., 60c	.25	2.20
Caspia. Tender lilac color. 30 in ..... ¼ oz., 65c	.25	2.20
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in ..... ¼ oz., 70c	.25	2.40
Perezii. Free-flowering lavender species, 30 in. ¼ oz., 55c	.25	2.00
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer .... ¼ oz., 65c	.25	2.20
Cyanea Alba. Blush white variety. 16 in. . ¼ oz., $1.00	.35	....
Sweet William. See Dianthus Barbatus.		
Thalictrum (Meadow Rue). Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft ..... ¼ oz., 90c	$0.50	$3.00
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft ..... ¼ oz., 65c	.25	2.20
Montana. Dwarf. Pale yellow. 1½ ft	.25	....
Thymus Serpyllum. × (Wild Thyme.) Creeping habit, scented foliage, purple flowers, 2 in. .... ⅛ oz., 65c	.25	....
Tritoma Hybrida, Perpetual-Flowering. Mixed. 3 ft. ..... ¼ oz., 65c	.25	2.20
Hybrida Mirabilis. Blooms first year from seed. ..... ¼ oz., 60c	.25	2.00
Pfitzer's Hybrids. Large brilliant red .. ¼ oz., 65c	.25	2.20
Trollius (Globe Flower) Ledebouri. Late-flowering, large orange-yellow flowers. 2 ft ..... ¼ oz., $1.20	.50	4 40
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers. 3 to 4 ft .. ¼ oz., $2.00	.50	....
Giant Devonshire. The flowers are 2 to 3 inches across of a glistening glowing orange ..... ⅛ oz., $2.75; 1/16 oz., $1.50	.50	....
Mixed ..... ¼ oz., $1.20	.35	4.40
☞ Soak Trollius seed in hot water 30 minutes before sowing.		
Tunica × Saxifraga. A very pretty tufted plant with light pink flowers produced all summer. ¼ oz., 60c	.35	2.00
Valeriana Alba white (Garden Heliotrope). 36 in.	.25	....
Rubra (Coccinea). Purple rose. 36 in. .. ¼ oz., 50c	.25	1.80
Mixed	.25	....
Officinalis. Heads of rose-tinted white flowers with strong heliotrope odor. June-July. 4 ft ..... ⅛ oz., 65c; ¼ oz., $1.20	.35	....
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft ..... ¼ oz., 55c	.25	2.00
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft. ¼ oz., 55c	.25	2.00
Olympicum. Silvery foliage, golden yellow flowers. 6 ft. ..... ¼ oz., 75c	.35	....
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades. 2 ft ..... ¼ oz., 80c	.35	....
Verbena Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft ..... ¼ oz., 60c	.25	2.00

STATICE Caspia

VIOLA Cornuta. In Flower All Summer.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Veronica. Incana (Candida). Ageratum-blue, silvery foliage. 12 in. ¼ oz., $1.00	$0.35	....
Longifolia (Maritima). Compact clusters of blue flowers. 30 in. ¼ oz., $1.00	.35	....
Spicata. Various shades. 1½ ft. ¼ oz., 80c	.25	$3.00
Blue Fay is larger growing than ordinary Spicata, being sort of midway between that and Longifolia subsessilis. It has the shiny foliage instead of glaucous and the color is a good bright blue, with good spikes. ¼ oz., $1.20	.35	4.00
Teucrium Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft.	.50	....
Perennial. Mixed.	.50	....

Viola

In most cases the true Violas are a better bedding subject than many Pansies.

	Trade pkt.	Oz.
Cornuta Apricot. Tinted orange at base.	$.050	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant. ⅛ oz., $1.20; ¼ oz., $2.20	.35	$8.00
Avalanche. Giant pure white. ⅛ oz., $1.80	.50	....
Bizarre. A most extraordinary coloring, the two upper petals being pure violet-purple and the lower three clear apricot. ⅛ oz., $1.00	.50	....
Black Prince. Flowers nearly black. 8 in. ¼ oz., $1.20	.35	....
Blue Beauty. Bright blue, early, free flowering. ⅛ oz., $1.00	.50	....
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield. ¼ oz., $1.20	.35	4.00
Blue Perfection. Light blue, large flowered. 8 in. ¼ oz., 85c	.35	3.00
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange. ¼ oz., $1.40	.50	4.40
Chinese Blue is a round-faced type of Viola such as Jersey Gem, Chantreyland, or Blue Perfection. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott.	.50	....
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering. ¼ oz., $3.50; ⅛ oz., $2.00	.50	....
King Henry. Rich violet blue lavender center with small yellow eye. ⅛ oz., $1.50	.50	....
Lutea Splendens. Chrome yellow. 8 in. ¼ oz., 85c	.35	3.00
Papilio. Blue and white. 6 in. ¼ oz., 85c	.35	3.20
Primrose Perfection. Beautiful shade of primrose, fine form. ⅛ oz., $1.00	.35	....

VIOLA CORNUTA—Continued	Trade pkt.	Oz.
Puck. Upper petals purple-velvet, lower clear yellow. ¼ oz., $1.20	$0.35	....
Wedgwood. Wonderfully hardy and free blooming, the flowers are deep, clear Wedgwood blue, and shaped like pansies. This is one of the most charming Violas you can grow. 1/16 oz., $1.50	.75	....
Yellow Gem. Compact habit, clear yellow flower. ¼ oz., 85c	.35	$3.00
White Perfection. White. Large flowered. 8 in. ¼ oz., 85c	.35	3 00
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. ¼ oz., $1.20	.35	4.00
Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tones effect without blotches. ⅛ oz., $1.20	.50	....
Baby Delight. Early flowering, blooming in 70 days from seed. Makes compact bushy growth. The flower is lovely light blue, with a pleasing "face," about one inch in diameter. ¼ oz., $1.30	.35	4.80
Mrs. A. H. Scott. 4 in. Similar in color to Beaconsfield but much brighter. An excellent rock plant. ¼ oz., $1.30	.35	4.80

Viola—Various Types

Blue Elf. 9 in. The upper petals are deep violet blue, lower petals light violet blue with gold eye and black lines radiating from center. Flowers ¾ in. in diameter, small dark green foliage. A perennial best treated as an annual. Seed sown in March will begin blooming in June and continue to August. 1/16 oz., $1.00	.50	....
Bosniaca. Free-blooming, small deep purple flowers. 4 in.	.50	....
Brittoniana. Large blossoms of deepest purple, long stemmed, makes upright, ornamental tufts of slashed foliage.	.50	....
Florariense. Beautiful lavender. 1/16 oz., $1.00	.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow. ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Jooi. (Jewel Violet). In full flower by early April, before its own leaves appear. It is then a cushion mound of pink lilac, hundreds of blossoms in a veritable color-turf of their own making. Usually blooms again in autumn.	.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers. ⅛ oz., $1.00	.50	....

Annual Wallflowers with their deliciously scented flowers are a worthwhile early Spring crop when grown in a limited way. Seed sown in September and benched in due course will flower about mid-February on to April. They like rich soil and a temperature of 45 to 50 degrees.

Wallflower. Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within five months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft. Canary-Yellow (Gold Standard). ¼ oz., 80c	.35	....
Double Annual Early Wonder, Mixed. ¼ oz., 60c	.25	2.00
Single Parisian Forcing, mixed. 15 in.	.20	.80
Annual Blood-Red.	.15	.70
Yellow, 20 in.	.15	.70
Wistaria Sinensis. A beautiful Chinese climber; flowers pale lilac purple, borne on long drooping racemes.	.20	.60
Yucca Filamentosa (Adam's Needle). Broad, sword-like evergreen foliage, immense branching spikes of drooping creamy white flowers. ¼ oz., 40c	.25	1.25

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Summer Flowering Bulbs

FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DOUBLE BEGONIA

ACHIMENES

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	1000
2-2½ inch	$2.75	$20.00	.....
2½-3 inch	3.50	25.00	.....

ACHIMENES

This is closely related to the Gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Purple or Blue	$0.60	$4.00	$35.00
Red	.65	4.50	40.00
White	.80	5.50	50.00
Pale Orchid	.65	4.50	40.00

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

	Doz.	100	1000
Single Crispa, Separate Colors:			
Small size	$1.25	$ 8.00	$ 75.00
Medium size	2.00	15.00	140.00
Large size	2.75	20.00	180.00
Double Camellia-flowered, Separate Colors:			
Small size	$1.25	$ 8.00	$ 75.00
Medium size	2.00	15.00	140.00
Large size	2.75	20.00	180.00
Carnation-flowered, Separate Colors:			
Small size	$1.25	$ 8.00	$ 75.00
Medium size	2.00	15.00	140.00
Large size	2.75	20.00	180.00
Narcissus-flowered	2.00	15.00	140.00
Pendula or Hanging Basket Type	2.00	15.00	140.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7 inch circumference	$0.65	$ 4.50	$40.00
7 to 9 inch circumference	1.25	8.00	75.00
9 to 11 inch circumference	1.75	12.00	110.00
11 to 12 inch circumference	3.00	22.50	.....
12 inch and upwards, very large	4.50	30.00	.....

GLOXINIAS

	Doz.	100	1000
Small size	$1.80	$13.00	.....
Medium size	3.00	22.50	.....
Large size	4.50	30.00	.....

APIOS Tuberosa

Splendid hardy climber. Color chocolate brown, fragrant. 2-4 bulbs should be planted together at a depth of 3-4 inches. Grows best in loose rich soil.

Doz.	100	1000
$0.90	$6.00	$55.00

CALLAS ELLIOTIANA

Yellow. 2-2½ inches.

Doz.	100	1000
$2.00	$15.00	.....

CINNAMON VINE

Well-known hardy climber; quick grower.

Doz.	100	1000
.60	4.00	35.00

CHLIDANTHUS

Chlidanthus Fragrans (The Gold Flower). Produces clusters of from two to four golden yellow, trumpet-shaped flowers that are delicately fragrant. Handle in the same manner as gladioli.

Doz.	100	1000
.80	5.50	50.00

HYACINTHUS CANDICANS

Summer Hyacinth. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	Doz.	100	1000
1½ to 2 inch	$0.60	$4.25	$37.50
2 inch and up	.95	6.50	60.00

ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy.

Doz.	100	1000
1.75	12.00	.....

LILIUM REGALE

White with a pink tinge on outer edges. 6 to 7 inches.

Doz.	100	1000
1.75	12.00	.....

MADEIRA VINE

One of the best and most popular climbers for foliage effect.

	Doz.	100	1000
2 to 3 inch	.60	4.00	35.00
3 inch and up	.75	5.00	45.00

MILLA BIFLORA

Stars. Showy white flowers, two inches in diameter, with six petals not quite separated. The stems are wiry, 12 to 18 inches tall. Very free blooming from July to September. Flowers cut well and have a pleasant Lily-like fragrance. Should be dug in fall, except in milder climates.

Doz.	100	1000
1.10	7.00	65.00

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. They do best in a light loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply.

	Doz.	100	1000
Special Mixed	$0.65	$4.50	$40.00
Earlham Large-Flowered Hybrids. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 inches.	.95	6.50	60.00

OXALIS

Summer-Flowering. Useful little plants, very effective in masses or beds and particularly valuable for edgings. They produce an unbroken row of foliage about one foot high in continuous bloom. Very fine to grow in hanging baskets indoors. The colors are white, red, pink.

Doz.	100	1000
.....	1.75	15.00

SPREKELIA

Formosissima (Jacobean Lily). Closely allied to the Amaryllis, bearing showy brilliant crimson flowers. Dormant bulbs planted in the border early in May will flower within 3 or 4 weeks after planting, or they may be flowered as pot plants in the house during the early spring months.

Doz.	100	1000
2.00	15.00	.....

TIGRIDIA

Shell Flower of Mexico. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	Doz.	100	1000
Separate Colors	$0.90	$6.00	$55.00
Mixed	$0.75	$5.00	$45.00

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

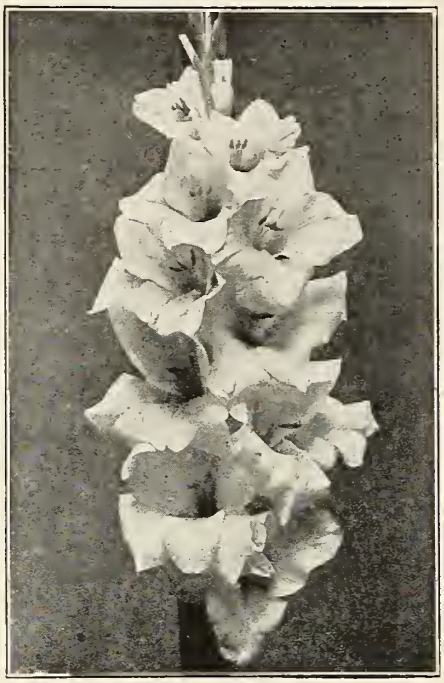
		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 inch	$5.50	$50.00
	Second size, 3 to 4 inch	2.75	22.50

ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	Doz	100	1000
Candida White	$0.35	$2.00	$18.00
Rosea Pink	.60	4.00	35.00

DR. BENNETT



DEBONAIR

MAID OF ORLEANS

MINUET

Gladiolus Crop Extremely Short

The gladiolus situation is very critical this year.

First. Many growers did not plant gladiolus in order to grow more food crops. Because gladiolus bulbs have been unprofitable for a number of years, they gladly made the change.

Second. With the late spring and labor so short, many did not get their bulbs planted until very late and with wet weather, a great deal of rot developed, especially in Picardy.

Third. Most growers, like ourselves, left the crop in the ground as late as possible in order to get large bulbs after a late start, and then due to shortage of help, could not harvest the entire crop.

Now, with so many early booked orders, we can only ask those who are still interested in buying gladiolus bulbs to write us after January 15 for our prices, and quantities, if available.

From information now on hand the following varieties are most likely to be available, if any bulbs are left after advance orders have been filled.

ALBATROSS. Clear white. **First size**.....
Second size.....
BAGDAD. Smoky old rose. **First size**.....
Second size.....
BEACON. Salmon-scarlet. **First size**.....
Second size.....
BREAK O'DAY. Soft La France pink. **First size**.....
Second size.....
CHARLES DICKENS. Violet purple. **First size**.....
Second size.....
DEBONAIR. La France pink. **First size**.....
Second size.....
DR. F. E. BENNETT. Gigantic red. **First size**.....
Second size.....
FLAMING SWORD. Scarlet, early. **First size**.....
Second size.....
FAIREST PEARL. Pure white. **First size**.....
Second size.....
GIANT NYMPH. Large La France pink. **First size**.....
Second size.....
GOLD EAGLE. Tall, deep yellow. **First size**.....
Second size.....
GOLDEN DREAM. Clear, deep yellow. **First size**.....
Second size.....
J. S. BACH. Salmon-pink. **First size**.....
Second size.....
KING ARTHUR. Beautiful ruffled mauve.....
MAID OF ORLEANS. Milky white, cream throat. **First size**...
Second size.....
MARGARET FULTON. Rose-salmon. **First size**.....
Second size.....
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat. **First size**.....
Second size.....
MINUET. Large, light lavender. **First size**.....
Second size.....
MISS BLOOMINGTON. Deep lemon-yellow. **First size**.....
Second size.....
MRS. P. W. SISSON. Immense ruffled pink. **First size**.....
Second size.....
PEGGY LOU. Shrimp pink. **First size**.....
Second size.....
PELEGRINA. Deep blue. **First size**.....
Second size.....
PICARDY. Delicate apricot pink.....
Second size.....
Third size.....
RED PHIPPS. Really a pink overlaid scarlet. **First size**.....
Second size.....
SHIRLEY TEMPLE. Large ruffled cream white.
First size.....
Second size.....
VAGABOND PRINCE. Mahogany brown with flame blotch.
First size.....
Second size.....
WASAGA. Clear apricot, buff throat. **First size**.....
Second size.....
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. **First size**.....
Second size.....

EXTRA FINE MIXTURE

A mixture of fine, popular, higher priced varieties, containing a fine range of colors.
First size.....
Second size.....

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties.
First size.....
Second size.....
PRIMULINUS HYBRIDS. Mixed.....

Perennial Plant Specialties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 10; 5 or more at the 10 rate; 25 or more at the 100 rate.

ARTEMESIA Silver King

ARTEMESIA

Silver King. Bright silver-colored stems and foliage are of great value for florists fillers. Can also be dried for winter use. 10, $2.00; 100, $15.00.

HARDY ASTERS

Frikarti (Wonder of Stata). Amellus type, blooming from late August till heavy frost. Many large sky-blue flowers on plants 24 in. high. 10, $2.50; 100, $20.00.

Harrington's Pink. First true pink hardy Michaelmas daisy. Large flowers of luminous salmon pink on bushy plants. 3 ft. tall. 10, $2.25; 100, $17.50.

Beechwood Challenger. Erect grower producing brilliant crimson-red flowers; fine for cutting or landscape use. 10, $2.00; 100, $15.00.

Blue Gown. Finest late blue variety. Huge blossoms of deep blue on tall arching stems. Ideal for cutting. 10, $2.00; 100, $15.00.

Palmyra. Medium height; semi-double, pure pink flowers making up into perfect pyramids. 10, $2.00; 100, $15.00.

Red Rover. Flowers are as near pure red as possible. Compact habit, free blooming from Sept. to frost. 10, $2.00; 100, $15.00.

Wartburg Star. Flowers are large, lilac blue with striking orange center, on 12 to 14 inch stems. 10, $2.00; 100, $15.00.

BOLTONIA

Snowbank. This variety grows tall and stands solidly without staking at all. Beautiful snow-white flowers are abundantly produced on strong, erect stems through Sept. and Oct. 10, $1.75; 100, $12.00.

CHRYSANTHEMUM Chiffon

BUDDLEIA

Charming. Long sprays of lavender pink, blooms from August till frost. An ideal cut-flower for summer work. 10, $2.00; 100, $15.00.

Royal Red. Sensational new red. 10, $3.00; 100, $25.00.

Orchid Beauty. Soft cattleya-orchid with a brilliant orange eye. 10, $2.00; 100, $15.00.

Royal Purple. Rich glowing purple, distinctive shade. Bush is completely covered with flowers on stems 3 to 4 feet tall. Principal cutting feature is its resistance to burning. 10, $2.00; 100, $15.00.

CHRYSANTHEMUM SHASTA DAISY

Grand Marconi. A selected strain of Giant double Shasta Daisies. Fine for cutting. Stems 2½ to 3 ft. 10, $2.50; 100, $20.00.

Chiffon. Distinctly different from other types and remains true in habit of growth and bloom. Rapid grower, blooms perpetually, semi-double flowers 1½ inch diameter on 2 ft. stems with many fringed and laciniated petals. Good cut flowers. 10, $2.50; 100, $20.00.

DELPHINIUM Giant Hybrids

DELPHINIUM

Giant Hybrids. Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display. Mixed. Field grown, 10, $2.00; 100, $15.00.

Lamartine. Much superior to Indigo. Tall vigorous plant, many spikes of large indigo blue. 10, $1.50; 100, $10.00.

Improved Belladonna. Best cut flower variety. Pale turquoise blue. Good for forcing. 10, $1.35, 100, $9.00.

DICENTRA (Bleeding Heart)

Spectabilis. Valuable plant for shady positions also much used for forcing. Strong 5 to 8-eye roots. 10, $3.00; 100, $25.00.

EUPHORBIA

Corollata. Tall growing plant, covered from June to August with loose umbels of pretty white flowers, a perfect misty filler when fillers are scarce. Florists find this very valuable when Gypsophilas are off crop. 10, $1.50; 100, $10.00.

GYPSOPHILA

GYPSOPHILA PANICULATA

Bristol Fairy (Double Baby's Breath). Blooms much earlier than Paniculata fl. pl. and produces a second crop of spikes after the first have been cut. Grafted plants. 10, $2.50, 100, $20.00.

HELIANTHUS

Helianthus Multiflorus Plenus. Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, $1.75; 100, $12.50.

LUPINS

Russell Hybrids. Remarkable new strain, wide range of colors. Field grown. 10, $2.25; 100, $17.50.

PENTSTEMON

Firebird. The flowers are foxglove-like in size, on stems about 18 to 24 inches tall, and are a most beautiful ruby-crimson. The plant is easily grown, is free from insect pests, flowers freely, creates a lovely effect in the flower garden, and is a cut flower par excellence. 10, $2.25, 100, $17.50.

Garnet. Of spreading habit and produces a succession of bloom from June until stopped by frost. The Gloxinia-like flowers are a rich garnet color, and are gracefully placed on stems 12 to 18 inches tall. The plants have from six to a dozen spikes continually throughout its flowering season. Flowers are excellent for cutting and last a week or more in water. 10, $2.00; 100, $15.00.

VINCA Minor (Grave Myrtle)

Bowles Variety. A new European form, larger and glossier leaves and flowers. The plant stays in bloom much longer and the flowers are a charming intense shade of periwinkle blue. 10, $1.75; 100, $12.50.

VIOLET

Double Russian. Most popular garden violet and still relatively scarce. Very fragrant, winter blooming and perfectly hardy. 10, $2.00; 100, $15.00.

Frey's Fragrant. Large single fragrant purple, long stems. Good for outdoors or forcing under glass. 10, $1.75; 100, $12.00.

Flowers to maintain morale are urged by Defense Authorities. Be ready to supply them, when the planting season begins.

General List of Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. No orders filled for less than 5, of a variety. Varieties marked X are Rock plants.

CHRYSANTHEMUM

	10	100
ALYSSUM Saxatile Compactum. X. Yellow. 1 ft. May	$1.50	$10.00
ANCHUSA. Myosotidiflora. X. Dainty blue flowers in branchy sprays during Apr. and May	2.00	15.00
ANEMONE: Japonica, Alba. Single white	2.00	15.00
Hupehensis. Rose-pink	2.00	15.00
Kriemhilde. Very free flowering, double rich pink blooms.	2.00	15.00
ANTHEMIS Perry's Variety. Yellow. 2 ft. All summer	1.50	10.00
Moonlight. Pale yellow. 2 ft. All summer	1.75	12.50

AQUILEGIA (Columbine)

Crimson Star. Crimson with white corolla	2.50	20.00
ARTEMISIA Silver King. Silvery foliage. 3 ft. Valuable as dried flower	2.00	15.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.	1.50	10.00
ASTER Beechwood Challenger. Best and darkest red. 2½ ft.	2.00	15.00
Blue Gown. Late blue. Huge blossoms on tall stems	2.00	15.00
Harringtons Pink. True pink	2.25	17.50
Palmyra. Hardy semi-double. Pure pink	2.00	15.00
Red Rover. Rosy red. 3 ft. Sept.	2.00	15.00
Wartburg Star. X. Lavender blue. 6 in. May	2.00	15.00
BOLTONIA. Snowbank. Snow white flowers. Sept.-Oct.	1.75	12.00
BUDDLEIA Charming. New pink variety, fast growing, large blossoms. 2¼-in. pot plants	2.00	15.00
Orchid Beauty. Soft cattleya-orchid with brilliant orange eye	2.00	15.00
Royal Purple. Rich, distinctive shade	2.00	15.00
Royal Red. Hardy, prolific, brilliantly beautiful	3.00	25.00
CHRYSANTHEMUM. Chiffon (New). Fringed and laciniated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty	2.50	20.00
Admiral Byrd. Pure white flowers, deeply lanceolated petals	2.50	20.00
Alaska. Glistening white with yellow eye. Blooms all summer and fall	1.50	10.00
Grand Marconi. Double chrysanthemum-like flowers on 2½-ft. stems	2.50	20.00

HARDY CHRYSANTHEMUMS

	10	100
Algonquin. Golden yellow	$1.75	$12.00
Autumn Lights. Coppery bronze	1.75	12.00
Clara Curtis. Rose pink	1.50	10.00
Eugene A. Wander. Brilliant golden yellow	2.00	15.00
Geronimo. Double bronze	1.50	10.00
Jewel. Lavender	1.75	12.50
King Midas. Light lemon yellow	1.75	12.00
Lavender Lady. Lavender	1.75	12.00
Manantico. Pale rose	1.50	10.00
Mrs. Pierre S. Dupont III. Peach pink shading to rosy salmon	2.00	15.00
Mrs. Sam P. Rotan. Golden yellow	1.50	10.00
Muskogee. Purplish-rose	1.50	10.00
Pale Moon. Sulphur yellow	1.75	12.00
Pohatcong. Pale lavender	1.50	10.00
Pygmy Gold. Golden yellow	1.75	12.00
Rose Glow. Raspberry rose	1.50	10.00
Seminole. Pure white	1.50	10.00
September Cloud. Ivory white	2.25	18.00
September Bronze. Orange bronze	2.25	18.00
September Gold. Brilliant golden yellow	2.25	18.00

CUSHION CHRYSANTHEMUMS

Bronze Cushion. Buff bronze	2.00	15.00
Pink Cushion. Bright pink	2.00	15.00
White Cushion. White	2.00	15.00
Yellow Cushion. Golden yellow	2.00	15.00

DEAN KAY MUMS

Dean Kay. Rose pink	1.75	12.00
Dean Kay Improved.	2.25	18.00

SPOON CHRYSANTHEMUMS

Golden Spoon. Golden yellow	2.50	20.00
Jasper Spoon. Bright bronze-red	2.50	20.00
Orchid Spoon. Clear orchid	2.50	20.00
Rose Spoon. Shining rose	2.50	20.00
Silver Spoon. Pure white	2.50	20.00
COREOPSIS Grandiflora fl. pl. Double yellow. 2½ ft. June-Aug.	1.25	8.00

DELPHINIUM (Perennial Larkspur)

DELPHINIUM Belladonna Improved. Light blue. 4 ft. All summer	1.35	9.00
Lamartine. Deep blue, white eye. 4 ft. July-Oct.	1.50	10.00
Giant Hybrids. World's best Delphinium. Mixed Shades. 5 ft. All summer	2.00	15.00

DIANTHUS

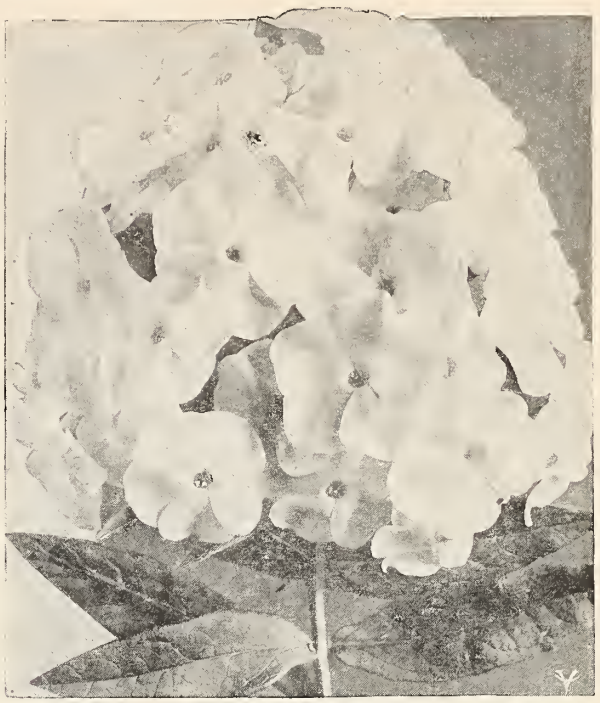
Barbatus (Sweet William) **Vaughan's Special Mixture**	1.25	8.00
Plumarius Vaughan's Special Mixture. X. Plumarius types	1.35	9.00
Silver Mine. Double white Beatrix	2.00	15.00
DICENTRA Spectabilis (Bleeding Heart)	3.00	25.00
DICTAMNUS Fraxinella Rubra. Deep pink. 3 ft. June-July	1.75	12.00
Fraxinella Alba. White. 3 ft. June-July	1.75	12.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug-Oct.	1.50	10.00
EUPHORBIA. Corollata. Loose umbels of misty white flowers	1.50	10.00
GAILLARDIA Grandiflora. Beautiful combination of colors. Blooms entire season	1.75	12.50
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. 3 in pots	2.50	20.00
Bodgeri. X. Double white. 1 ft. All summer	2.00	15.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer	2.00	15.00

No orders for less than five of a variety. All varieties followed by X are suitable for rock gardens.

We are able to furnish many items which we are unable to list here. Please ask for quotation on your perennial requirements.

Hardy Perennial Plants

HEMEROCALLIS Yellow Day Lily.



PHLOX, E. FARRINGTON

	10	100
HELENIUM Riverton Gem. Gold suffused terra cotta changing to wall-flower red	$2.00	$15.00
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.	1.75	12.50
Loddon Gold. Dahlia-like flowers bright yellow. Valuable for cutting	2.00	15.00
HOLLYHOCK. Double, mixed	2.00	15.00

HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June	1.00	6.00
Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	1.00	6.00
Thunbergi. Golden yellow. 3 ft. July	1.00	6.00
NEW HYBRID HEMEROCALLIS		
Calypso. Pale lemon. July-Aug.	2.00	15.00
Cinnabar. Bronzy red suffused gold. June	3.50	30.00
Lemona. Light yellow. July	2.00	15.00
Hyperion. Vigorous citron-yellow. July-Aug.	3.50	30.00
Margaret Perry. Scarlet orange, suffused yellow. July	3.50	30.00
Mikado. Orange, maroon blotches. June	3.50	30.00
Ophir. Giant. Golden yellow. July	3.00	25.00
HIBISCUS. Crimson Eye	1.25	8.00
Meehan's Mallow Marvels. Pink	1.50	10.00
Meehan's Mallow Marvels. Red	1.50	10.00
LIATRIS. September Glory. New. Rosy purple. 4 ft. Sept.	2.00	15.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.	1.75	12.00
LUPIN. Russell Hybrids. Best hybrid mixture. June-Aug.	2.25	17.50
MONARDA. Dahliatown Orchid. Orchid pink	2.00	15.00
Mrs. Perry. Rose-scarlet	2.00	15.00
PENTSTEMON Garnet. Rich Red. 1½ ft. All summer	2.00	15.00
Firebird. Ruby crimson	2.25	17.50
PLATYCODON Grandiflora Blue. 2 ft. All summer	1.35	9.00
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer.	1.75	12.00
PYRETHRUM Roseum, Hybrid Mixture. 2 ft. May-June	1.75	12.50
Robinson's Giant Hybrids. Chiefly red and pink shades.	2.00	15.00
RUDBECKIA. The King. Rosy blooms, brown central disc. 3 ft. July-Oct.	2.00	15.00
STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug.-Sept.	1.75	12.00
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug.-Oct.	$1.75	$12.50
TROLLIUS Ledebouri. Golden Queen. Light orange. 3 ft. Spring and Fall	2.00	15.00
VERONICA. Longifolia Subsessilis. Deep blue. 2 ft. July-Aug.	2.00	15.00
VINCA MINOR. Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall	1.75	12.50
VIOLET Dbl. Russian. X. Hardy double blue. Very fine	2.00	15.00
Frey's Fragrant. X. Single purple. 6 in. May	1.75	12.00
Princess of Wales. Sweetly scented rich, deep purple	1.75	12.00

Hardy Phlox

PHLOX DECUSSATA

Africa. Carmine red with darker eye	2.00	15.00
B. Comte. Amaranth purple	1.50	10.00
Bridesmaid. White, bright red eye	1.50	10.00
Dr. Klemm. White with eye of rich violet	2.00	15.00
E. Farrington. New. Soft salmon-pink, with lighter eye	1.75	12.00
Flash. Carmine-crimson with orange center	2.00	15.00
Frau Alfred Von Mauthner. Salmon-orange flowers with crimson eye	2.00	15.00
July Lights. Soft light-red	2.00	15.00
Leo Schlageter. New. Flame or orange scarlet	2.00	15.00
Mary Louise. White	2.00	15.00
Painted Lady. Soft silvery pink, dark red eye	1.50	10.00
Royal Purple. Very rich purple	2.00	15.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best	1.50	10.00

DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy Thrift. Rosy red. 1 in. diameter	$2.00	$15.00
Subulata Alba. White. 4 in. April-May	1.75	12.00
Rosea. Rose-pink. 4 in. April-May	1.75	12.00
Vivid. X. Dark salmon pink. 3 in. Spring	1.75	12.00

No orders for less than five of a variety. All varieties followed by × are suitable for rock gardens.
We are able to furnish many items which we are unable to list here. Please ask for quotation on your perennial requirements

CARNATION—Rooted Cuttings

ORDER EARLY

WHITE

	Per 100	Per 1000
Arundel	$15.00	$125.00
Gardenia	8.50	75.00
Olivette	8.50	75.00
Patrician	8.50	75.00
Peace	12.00	100.00
Puritan	7.00	65.00
White Maytime	8.50	75.00
White Peter Fisher	8.50	75.00

LIGHT AND SALMON PINK

Blush Fisher	12.00	100.00
Giant Fisher	12.00	100.00
Giant Laddie	12.00	100.00
Hercules Virginia	15.00	125.00
Peter Fisher	8.50	75.00
Rose Caress	15.00	125.00
*Pollyanna	15.00	125.00
Virginia	8.50	75.00

MEDIUM AND DARK PINK

Dark Pink Fisher	12.00	100.00
Derigo	8.50	75.00
*Dorothy Napier (New)	20.00	150.00
John Briry	8.50	75.00
Maytime	8.50	75.00
New Deal Ward	7.00	65.00
Pink Abundance	7.00	65.00
*Pink Treasure	20.00	150.00
*Rosalie	20.00	150.00
Virginia Rose	8.50	75.00

RED

	Per 100	Per 1000
Barbara Farr	$8.50	$75.00
*Fire Chief	20.00	150.00
*King Cardinal	12.00	100.00
Spectrum Supreme	7.00	60.00
*Tom Knipe (New)	20.00	150.00

CRIMSON AND PURPLE

Beuerlein's Crimson	8.50	75.00
Joyce	8.50	75.00
Potentate	7.00	65.00
Rigoletto	8.50	75.00
*Seth Parker	20.00	150.00
Woburn	8.50	75.00

YELLOW

Maine Sunshine	8.50	75.00
*Yellow Gold	12.00	100.00

MISCELLANEOUS

Barbara Brigham	8.50	75.00
*Chief Kokomo	12.00	100.00
Golden Wonder	8.50	75.00
Lenora	8.50	75.00
Lochinvar	8.50	75.00
Marchioness of Headford	12.00	100.00
*Opal	12.00	100.00
Pelargonium	12.00	100.00
Scarlett King	12.00	100.00
White Pharoah	25.00	225.00

*Patented.

25 to 250 at the 100 rate. 250 or more of one variety at the 1000 rate. No shipment less than 50.

Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds and many of the best Novelties, the inferior kinds being discarded every year as the Merits of the Newer ones are proven. Cannas are becoming more popular. The new Varieties with large flowers in new colors are unequalled for creating a colorful show from July to Frost. They do best in full sun and respond quickly to feeding.

Price for Dormant Roots up to APRIL 1st. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 50 sold wholesale.

CANNAS

		Per 100	Per 1,000
King Humbert	4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots..	$5.50	$45.00
Yellow King Humbert	4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots	5.50	45.00
The President	4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots	5.50	45.00
Dorothy S.	A new dwarf, continuous flowering, clear salmon red canna. A sport of President. Produces large flowers and grows 4 ft. tall. Very vigorous and drought-resistant	7.50	65.00
Florence Vaughan	Giant flowers of vivid golden yellow sprinkled with fine red dots, borne on strong 4 foot stems. Green foliage	7.50	65.00

Choice Varieties

	Per 100	Per 1,000
AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots..	$ 7.50	$65.00
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial	7.50	65.00
EUREKA. 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots	10.00	90.00
HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots	5.50	45.00

PENNISETUM CUPREUM

Dark bronze Fountain Grass much used for bordering Canna Beds also makes a good cut flower. Does not grow from seed. No shipments before May 15th.

2½-inch pot plants .....$2.50 doz.; $15.00 per 100

Cannas are becoming more popular. The new varieties with large flowers in new colors are unequalled for creating a colorful show from July till frost. They do best in full sun and respond quickly to feeding.

Number of Cannas required for round beds planted eighteen inches apart each way: Seven feet—19 plants, one for center; six for first row; twelve for second row. Ten feet—37 plants, one for center; six for first row, twelve for second row, eighteen for third row. Thirteen feet—61 plants, one for center; six for first row, twelve for second row, eighteen for third row, twenty-four for fourth row.

POINSETTIAS

STOCK PLANTS. Albert Ecke, Variegated Ruth Ecke, Ecke's White and Christmas Red Ecke, $25.00, $50.00, $75, per 100.

Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, Barbara Ecke, St. Louis, Early White, Pink, Hollywood, $15, $20, $30, $40, $57.50, $75, per 100.

Orders must be placed early. Prices are f.o.b. Chicago only on orders placed early. Write for quotations on 2¼ inch plants for August and September delivery.

Greenhouse Plant Department

CALADIUMS—Vaughan's Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

FANCY-LEAVED CALADIUM

	Doz.	100	1,000
Rainbow Mixed	$2.25	$13.50	$110.00
Named Varieties. Our selection	2.25	15.00	125.00
Named. Your selection of varieties	2.50	17.00	150.00
Unusual and rare varieties. All named	3.00	18.50	160.00

ASPARAGUS Plumosus Nanus or Sprengeri

	Per 100	1,000
Seedlings	$2.00	$18.00
2¼-inch	6.00	....

AZALEAS

Coral Bells, Hexe, Pink Pearl, Salmon Beauty, Mme. Pericat, Hinodigeri, Snow and other varieties. 4 inch to 7 inch pots. Also grafted Indica Azaleas in all standard forcing varieties, sizes up to 24 inch heads. Write for prices.

Plants available October to December.

BEDDING PLANTS FOR SPRING

No RC orders less than 50

	100	1000
AGERATUM Cardinal Mundelein. Deep blue. Dwarf, bushy. Rooted Cuttings	$2.00	$18.00
Riverside Imp. Dwarf, large head of bloom. Rooted Cuttings.	2.00	18.00
Purdue Pride. Dwarf. Rooted Cuttings	2.00	18.00
Purple Beauty. Dwarf. Rooted Cuttings	2.00	18.00
LANTANAS. All the best named varieties 2¼"	8.00	70.00
VERBENA. Schlosser's Pride, Schlosser's Rose, Schlosser's Orchid, Scarlet King, Mayflower, Helen Wilmott, Lavender Glory, Royal Purple, White, Beauty of Oxford, cerise, Beauty of Oxford, pink, Beauty of Oxford, scarlet, Beauty of Oxford, lavender	2.25	20.00

BEGONIA

Standard Varieties. 2¼-inch	8.00	70.00
Marjorie Gibbs. 2¼-inch. **Write For Prices.**		

CALCEOLARIAS

Vaughan's Choice Hybrid Mixture. 2¼-inch	10.00	95.00
Rosacker's Varieties, 2¼-inch	18.00	175.00
Pink Beauty, Stewartii, Pure Flame, Cherry Queen and other hybrids	20.00	.....

CYCLAMEN

Write for quotations on the sizes that you require.

DISH GARDEN PLANTS

Write for special quotations on succulents, cacti and small plants.

FERNS

	100	1,000
Table Ferns. Ass't varieties, seedlings	$3.50	$30.00
Boston Ferns. Write for prices.		

GERANIUMS

	25	100	1,000
Lady Esther. A distinctive new seedling of great merit. Is a good grower, which blooms early and profusely. It propagates easily. Its foliage is well marked and the cream colored main stem, leaf and flower stems make a striking contrast with the medium dark red flowers	$4.50	$15.00	$135.00
Brooks Red (Lady Jane)	3.00	9.00	85.00
Standard Varieties	2.50	8.00	75.00

HYDRANGEAS FOR FORCING

Dormant plants ready November and December.

Rooted Cuttings and small pot plants for spring delivery. Write for prices.

	Rooted cuttings	2-inch	3-inch
Regula, Norwood, Strafford per 100	$20.00	$30.00	$40.00
Altoona, Hamburg, Kunert, Rosabelle, Europa, Sch. Perle per 100	12.00	18.00	25.00
Ami Pasquaar, Giselherr, Louis Savage, Wilkomen per 100	10.00	15.00	20.00
Duetschland, G. Glahn, Goliath, M. Baardse M. Foch and others per 100	6.00	10.00	18.00

DECORATIVE PLANTS

Lack of space prohibits listing of Cibotiums, Draceanas, Ivy, Philodendron and other Decorative Plants but we can supply excellent stock and will quote promptly on your requirements.

	100
IVY Hahns Self-Branching. 2¼-inch	$10.00
Maple Queen (Patented). Small leaf. 2¼-inch	12.50
Sylvanian Beauty (Patented). Larger leaf. 2¼-inch	12.50
PHILODENDRON. 2¼-inch	12.00
POTHOS Wilcoxi. 2¼-inch	12.00

PELARGONIUMS

Azalea	**Orchid Edith North**	**Lucy Becker**
Edith North	**Easter Greeting**	

Size	Per 100	Per 1000
2-inch	$11.00	$105.00
3-inch	15.00	140.00
3-inch. Bud & bloom	18.00	.....

Marie Vogel	**Salmon Springtime**	**MacKay No. 2**
Grossmama Fischer	**Mrs. F. Bachler**	**MacKay No. 10**
Mackensen	**Pink Vogel**	**MacKay No. 12**

Size	Per 100	Per 1000
2-inch	$12.00	$115.00
3-inch	16.00	150.00
3-inch. Bud & bloom	19.00	.....

Prices are F. O. B. Shipping Point.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—50 of any one variety at the 100 rate; 250 at the 1,000 rate, except as noted.

Packing will be charged on all orders at cost.

No C. O. D. Shipments.

KENTIA PALMS

We can supply a wide range of sizes to meet your exact requirements.

Tub Size	No. of Plants in Tub	Price
7 in.	3	$5.00
7 in.	3	6.00
7 in.	4	7.00
8 in.	4	8.00
8 in.	4	9.50
8 in.	4	11.00
9 in.	4	16.00
9 in.	5	22.00
9 in.	5	27.50
Large	6-7	35.00
Large	6-8	50.00

Vaughan's Chrysanthemum Rooted Cuttings

Orders must be in multiples of 50 of a variety. 5% Discount on orders of 10,000. Write for discounts on larger quantities.

We regret to announce that conditions make it impossible for us to make shipment of Chrysanthemum cuttings from Yoder Brothers to customers who did not receive stock from them last year. Their entire 1944 production will be distributed among last year's purchasers in proportion to their receipts of last year, ⅔ of which can be shipped as rooted cuttings and ⅓ in unrooted cuttings if desired. Since other sources of supply will be called upon to fill extra quantities any additional supplies will be hard to locate, but we will give the best attention possible to such orders.

1944 NOVELTIES

$15.00 per 100—$125.00 per 1000

Nancy Crain. A large white button which possesses perfect form and excellent substance, high production. Matures about the 5th of November. Easy to grow.

Argo. Late large pompon with good rounded form and excellent substance. Color beautiful bronzy orange, shading to rust. Does not fade. Should not be planted late. Stem and foliage are excellent. Blooms normally the first week in December.

Nevada. White anemone suitable for growing in natural sprays. Excellent substance. Blooms normally the end of November into December.

Minuet. A beautifully formed, clear pink pompon of medium size that blooms for Thanksgiving. Easy culture. Strong stems and upright sprays. Bunches, keeps, and ships unusually well.

Bronze Goldsmith. A beautifully blended orange and Brazil red sport from Goldsmith.

Yellow Albatross A light lemon yellow sport from the well-known variety Albatross.

Sylvanna. A medium size orange bronze single with outstanding brilliance that does not fade. Its blooming date is November 10. Good substance. Excellent keeping qualities.

Lodestar. An intense lemon yellow single that blooms for Thanksgiving. This single, medium in size, has a very attractive star-like form. The substance and keeping quality improves any existing yellow single of similar flowering date. Color does not fade.

All cuttings of the following two varieties will be sold with the following restrictions: Purchaser may grow them for flower production only; propagation rights are reserved and stock must be discarded after the flowering season. Contract forms will be supplied by the originator and must be signed and returned before shipments are made.

$5.00 per 100—$45.00 per 1000

Sunnyside. The quality, production and ease of culture should excite the critical eye of any grower. Sunnyside is a small golden yellow pompon of very hard substance, on sprays of unsurpassed rigidity. It matures November 20 to 25 to be had for Thanksgiving. Unhesitatingly we recommend Sunnyside as high quality, productive pompons.

Revelation. A clear white medium size pompon for early January. The flower is of good form and substance; larger and more fully double than Snow. The small hard stems are extremely rigid, with attractive dark green and healthy foliage. It is not at all sensitive to cultural environment.

LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per 100	Price per 1000
Gold Lode. Light golden yellow	Oct. 1	$4.00	$35.00
Celestra. Lemon yellow. Incurved	Oct. 15	4.00	35.00
Mrs. H. E. Kidder. Deep lemon yellow	Oct. 20	4.00	35.00
Yellow Ambassador. Pale lemon yellow	Oct. 23	4.00	35.00
Blazing Gold. Deep golden yellow	Oct. 25	4.00	35.00
Sunglow. Golden yellow	Oct. 25	4.00	35.00
Citronella. Light buff yellow, incurved	Oct. 28	4.00	35.00
Yellow Albatross. Light lemon yellow. Incurved	Oct. 28	15.00	125.00
Saratoga. Bright golden yellow. Incurved	Nov. 1	4.00	35.00
Golden Glory. Golden yellow. Semi-incurved	Nov. 1	4.00	35.00
Good News. Deep lemon yellow	Nov. 1	4.00	35.00
Indianapolis Yellow. Lemon yellow. Incurved	Nov. 8	8.00	75.00
Cardonia. Deep golden yellow	Nov. 10	4.00	35.00
Penrod. Golden yellow. Incurved	Nov. 10	6.00	55.00
Whittier. Lemon yellow. Incurved	Nov. 13	4.00	35.00
Yellow Monument. Pale lemon yellow	Nov. 15	4.00	35.00
Honey Dew. Lemon yellow. Incurved	Nov. 15	4.00	35.00
Yellow Mefo. Lemon yellow. Incurved	Nov. 20	4.00	35.00
Friendly Call. Buff yellow. Incurved	Nov. 20	4.00	35.00
Friendly Rival. Deep chrome yellow	Nov. 20	4.00	35.00
Marie DePetris. Deep golden yellow	Nov. 23	4.00	35.00
Sun Gold. Lemon yellow	Nov. 25	4.00	35.00
Golden Pearson. Light golden yellow	Nov. 25	4.00	35.00
Imp. Yellow Chattanooga. Lemon yellow	Nov. 25	4.00	35.00
R. M. Calkins. Golden yellow. Semi-incurved	Nov. 30	4.00	35.00
Golden Mrs. Ross. Golden yellow	Dec. 3	4.00	35.00
Golden Mistletoe. Pale golden yellow	Dec. 10	4.00	35.00
Meteore. Lemon yellow	Dec. 10	6.00	50.00

LARGE FLOWERING COMMERCIAL VARIETIES—Continued

	Matures	Price per 100	Price per 1000
Imp. Tobin's Late Yellow. Dp. lemon yellow	Dec. 15	$4.00	$35.00
Smith's Early White. Incurved	Oct. 5	4.00	35.00
Quaker Maid. White, tinged with pink. Reflexed	Oct. 15	4.00	35.00
Silver Sheen. Incurved	Oct. 18	4.00	35.00
Ambassador. Cream white. Incurved	Oct. 23	4.00	35.00
Albatross. Incurved	Nov. 1	4.00	35.00
Snow White. Incurved	Nov. 1	4.00	35.00
Betsy Ross. Ivory white. Incurved	Nov. 1	4.00	35.00
Indianapolis White. Incurved	Nov. 8	4.00	35.00
Monument. Ivory white. Incurved	Nov. 15	4.00	35.00
Marketeer. Incurved	Nov. 18	4.00	35.00
Mefo. Ivory white. Incurved	Nov. 20	4.00	35.00
White Frick. White suffused with pink. Incurved	Nov. 25	4.00	35.00
Chattanooga. Incurved	Nov. 25	4.00	35.00
December Glory. Ivory white. Incurved	Dec. 1	4.00	35.00
December White. Incurved	Dec. 5	12.00	100.00
White Mistletoe. Incurved	Dec. 10	4.00	35.00
Smith's Late White. Ivory white. Semi-incurved	Dec. 15	4.00	35.00
Indianola. Pale reddish bronze. Incurved	Oct. 10	4.00	35.00
Hilda Bergen. Dark reddish bronze. Incurved	Oct. 25	4.00	35.00
Cambria. Golden bronze. Incurved	Oct. 25	6.00	55.00
Glitters. Deep reddish orange. Reflexed	Oct. 28	4.00	35.00
Apricot Queen. Orange bronze. Incurved	Nov. 1	4.00	35.00
Detroit News. Reddish bronze with buff reverse curved	Nov. 1	4.00	35.00
Indianapolis Bronze. Buff bronze	Nov. 8	4.00	35.00
Anaconda. Deep coppery red with golden bronze reverse. Incurved	Nov. 10	8.00	75.00
Mrs. David F. Roy. Crimson deep buff reverse	Nov. 10	4.00	35.00
Garnet King. Dark red. Reflexed	Nov. 18	4.00	35.00
Gladys Pearson. Light buff bronze. Incurved	Nov. 25	4.00	35.00
Oak Leaf. Reddish bronze. Incurved	Nov. 25	4.00	35.00
Bronze Mistletoe. Buff bronze suffused with pink	Dec. 10	4.00	35.00
Early October. Light lavender. Semi-incurved	Oct. 10	12.00	100.00
Pink Chief. Lavender. Incurved	Oct. 15	4.00	35.00
Major Ed. Bowes. Deep lavender. Incurved	Oct. 20	4.00	35.00
Rosabella. Rose pink. Incurved	Oct. 25	4.00	35.00
J. W. Prince. (Improved Chieftain). Rose pink. Incurved	Nov. 5	4.00	35.00
Indianapolis Pink. Deep lavender with pale reverse. Incurved	Nov. 8	4.00	35.00
Orchid Queen. Orchid pink. Incurved	Nov. 12	4.00	35.00
Thanksgiving Pink. Amaranth. Reflexed	Nov. 23	4.00	35.00
Helen Frick. Rose pink. Incurved	Nov. 25	4.00	35.00
Edwin Seidewitz. Lavender. Incurved	Nov. 30	4.00	35.00
Pink Mistletoe. Lavender. Incurved	Dec. 10	4.00	35.00

POMPON, SINGLE AND ANEMONE VARIETIES

Types are abbreviated as follows: P—Pompon; D—Decorative; S—Single; A—Anemone.

Name and Description	Type	Matures	Price per 100	Price per 1000
Yellow Irene. Light lemon yellow. Sport from Irene	P	Oct. 18	$4.00	$35.00
Rodell Improved. Light lemon yellow	P	Oct. 20	4.00	35.00
Yellow Hammer. Golden yellow	P	Oct. 20	12.00	100.00
Golden Spray. Deep lemon yellow	P	Oct. 23	4.00	35.00
***Golden Herald.** Deep golden yellow	D	Oct. 25	4.00	35.00
Yellow Dot. Yellow with bronze center. Sport from Pink Dot	P	Oct. 25	4.00	35.00
Yellow Arcadia. Pernet yellow	P	Oct. 28	4.00	35.00
Yellow Daisy. Deep lemon yellow	S	Nov. 1	4.00	35.00
Mary Lennon Hall. (Vera Victoria). Deep lemon yellow	P	Nov. 1	4.00	35.00
Yellow Sea Gull. Pale lemon yellow		Nov. 1	4.00	35.00
***Yellow Doty.** Buff yellow		Nov. 1	4.00	35.00
Nuggets. Light lemon yellow	P	Nov. 5	4.00	35.00
Yellow Bushnell. Pernet yellow. Sport from Rev. Bushnell	P	Nov. 8	4.00	35.00
Derigold. Deep golden yellow	P	Nov. 10	4.00	35.00
***Helios.** Deep golden yellow	A	Nov. 10	4.00	35.00
Pixie. Deep golden yellow		Nov. 10	8.00	75.00
Yellow New York. Deep lemon yellow	P	Nov. 13	4.00	35.00
Yellow Fellow. Deep lemon yellow	D	Nov. 15	4.00	35.00
Sunray. Light lemon yellow		Nov. 15	4.00	35.00
***Susanne Miller.** Buff yellow. Sport from Norma	A	Nov. 18	4.00	35.00
Golden Surprise. Sulphur yellow shading to golden yellow		Nov. 20	8.00	75.00
Hasegawa Gold. Light golden yellow	P	Nov. 23	4.00	35.00
***Yellow Rolinda.** Light buff yellow	A	Nov. 23	4.00	35.00
§Sunnyside. Golden yellow		Nov. 23	5.00	45.00
Lodestar. Golden yellow		Nov. 25	15.00	125.00
***Goldsmith.** Golden yellow	D	Nov. 25	4.00	35.00
Christmas Gold. Deep golden yellow	P	Nov. 28	4.00	35.00
***Golden Jane.** Brilliant golden yellow		Nov. 30	8.00	75.00
Yellow Cordova. Lemon yellow	D	Nov. 30	4.00	35.00

*Responds to disbudding.
§Propagation rights reserved—See Novelty Section.

Twenty-Five or more at the hundred rate.

Vaughan's Chrysanthemum Rooted Cuttings

POMPON, SINGLE AND ANEMONE VARIETIES —Continued

	Type	Matures	Price per 100	Price per 1000
Gold Coin. (Unalga). Deep lemon yellow	P	Dec. 1	$4.00	$35.00
Golden Modena. Deep lemon yellow	P	Dec. 5	4.00	35.00
December Gold. Deep golden yellow	D	Dec. 15	4.00	35.00
Christmas Cheer. Buff yellow		Dec. 15	4.00	35.00
Spun Gold. Deep lemon yellow		Dec. 15	8.00	75.00
Yellow Garza Supreme. Pale lemon yellow	A	Dec. 15	4.00	35.00
Vibrant. Deep lemon yellow	D	Dec. 20	4.00	35.00
Yellow Snow. Deep lemon yellow	P	Dec. 30	5.00	45.00
Uvalda. Cream white		Oct. 10	4.00	35.00
White Jewell. White tinged with light lavender	P	Oct. 15	4.00	35.00
***Silver Ball**	P	Oct. 15	4.00	35.00
Irene	P	Oct. 18	4.00	35.00
Minong	P	Oct. 20	4.00	35.00
Arcadia	P	Oct. 28	4.00	35.00
***Graceland.** White with yellow center	A	Oct. 28	4.00	35.00
Sea Gull. Cream white	P	Nov. 1	4.00	35.00
***White Doty.** Ivory white	P	Nov. 1	4.00	35.00
Blanche	A	Nov. 1	4.00	35.00
***White Anemone**	A	Nov. 5	4.00	35.00
Nancy Crain		Nov. 5	15.00	125.00
Rev. Horace Bushnell. Cream white	P	Nov. 8	4.00	35.00
***Shasta**	A	Nov. 8	4.00	35.00
Crystal Jewell	P	Nov. 8	4.00	35.00
***White Mensa.** Ivory white	S	Nov. 10	4.00	35.00
***Little America**	A	Nov. 10	4.00	35.00
Nagona. Ivory white	S	Nov. 10	4.00	35.00
Chicago Pearl. Ivory white	P	Nov. 15	4.00	35.00
***White Freida.** White with yellow cushion	A	Nov. 15	4.00	35.00
***White Norma.** White suffused with pink	A	Nov. 18	4.00	35.00
***Nevada.** White with chartreuse green cushion		Nov. 20	15.00	125.00
***Long Island Beauty.** White with yellow cushion		Nov. 20	4.00	35.00
Pearl	P	Nov. 20	4.00	35.00
Seafoam		Nov. 20	8.00	75.00
***White Yuletide**	P	Nov. 28	4.00	35.00
Cordova. Cream white	D	Nov. 30	4.00	35.00
Royal Queen		Dec. 5	4.00	35.00
Cameo. Ivory white	P	Dec. 5	5.00	45.00
Silver Star. Ivory white		Dec. 10	4.00	35.00
Yukon	S	Dec. 10	4.00	35.00
***White Supreme.** White suffused with pink		Dec. 10	4.00	35.00
December Glory. Ivory white		Dec. 15	4.00	35.00
Garza Supreme	A	Dec. 15	4.00	35.00
Snow. Ivory white	P	Dec. 30	4.00	35.00
§**Revelation**		Jan. 5	5.00	45.00
Roman Bronze. Bronze suntan. Capt. Cook	P	Oct. 20	4.00	35.00
Adelaide. Dark reddish bronze	P	Oct. 23	4.00	35.00
***Jemima.** Dark reddish bronze	P	Oct. 23	4.00	35.00
Natoma. Flame scarlet	D	Oct. 25	4.00	35.00
Fire Bird. Dark reddish bronze	D	Oct. 25	4.00	35.00
October Bronze. Light bronze	S	Oct. 28	4.00	35.00
Bronze Daisy. Light bronze	S	Nov. 1	4.00	35.00
Bronze Buckingham. Light orange bronze		Nov. 3	4.00	35.00
Robin Hood. Dark red	P	Nov. 5	4.00	35.00
Navaho. Deep crimson		Nov. 5	8.00	75.00
Red Daisy. Deep red	S	Nov. 5	4.00	35.00
Bronze Bulkeley. Bronze. Sport from Mrs. Bulkeley	P	Nov. 8	4.00	35.00
Sylvanna. Bittersweet orange		Nov. 10	15.00	125.00
Cassandra. Orange bronze		Nov. 10	8.00	75.00
***Mason's Bronze.** Burnt orange	S	Nov. 10	4.00	35.00
***Europa.** Cardinal red	S	Nov. 10	6.00	55.00
***Clara Holford.** Deep red	S	Nov. 10	4.00	35.00
***The Titan.** Scarlet crimson with bronzy red cushion	A	Nov. 10	4.00	35.00
***Red Melba.** Light red		Nov. 10	4.00	35.00
New York. Reddish bronze	P	Nov. 13	4.00	35.00
***Bronze Masterpiece.** Apricot bronze. Sport from Masterpiece	P	Nov. 15	6.00	50.00
Fez. Deep reddish bronze	P	Nov. 15	4.00	35.00
Princeton. Golden yellow suffused with orange	D	Nov. 15	4.00	35.00
Red Princeton. Brazil red	D	Nov. 15	4.00	35.00
Mrs. Mary Hooker. Deep red	D	Nov. 15	4.00	35.00
Gold Imperial. Golden yellow with deep yellow orange center		Nov. 15	8.00	75.00
***Bronze Freida.** Salmon buff with yellow center. Sport from Freida	A	Nov. 15	4.00	35.00
Catherine. Light reddish bronze	D	Nov. 20	4.00	35.00
Legal Tender. Bronze and Gold	D	Nov. 20	4.00	35.00
***Red Rolinda.** Deep reddish bronze	A	Nov. 23	4.00	35.00
***Bronze Goldsmith.** Mars orange		Nov. 25	15.00	125.00
Apricon. Apricot yellow	P	Nov. 25	4.00	35.00
Dorothy Turner. Deep reddish bronze	P	Nov. 25	4.00	35.00
Yolanda. Light orange bronze	A	Nov. 25	4.00	35.00
Glow. Orange, reddish orange at center	P	Nov. 30	4.00	35.00
***Apricot Valencia.** Deep apricot buff		Nov. 30	8.00	75.00
***Red Valencia.** Brazil red		Nov. 30	8.00	75.00

POMPON, SINGLE AND ANEMONE VARIETIES—Continued

	Type	Matures	Price per 100	Price per 1000
***Jane.** Light buff bronze. Sport from Valencia	S	Nov. 30	$4.00	$35.00
***Carnelia.** Bittersweet red	S	Nov. 30	4.00	35.00
Royal Crimson. Dark crimson		Dec. 1	4.00	35.00
Viking. Deep reddish bronze shading to orange	S	Dec. 1	4.00	35.00
Chrome Emerald. Golden orange with gold cushion	A	Dec. 1	4.00	35.00
Argo. Orange bronze		Dec. 5	15.00	125.00
Cavalcade. Mandarin red. Golden bronze reverse	P	Dec. 10	4.00	35.00
Sarong. Crimson scarlet	S	Dec. 15	4.00	35.00
Jewell. Lavender	P	Oct. 15	4.00	35.00
Dark Pink Jewell. Deep lavender	P	Oct. 15	4.00	35.00
Pink Pearl. Rose pink	P	Oct. 20	4.00	35.00
Capt. Cook. Deep rose pink	P	Oct. 20	4.00	35.00
Jessie (Madeline). Light lavender	P	Oct. 25	4.00	35.00
Pink Dot. White with pink center	P	Oct. 25	4.00	35.00
October Pink. Light lavender	S	Oct. 28	4.00	35.00
***Lillian Doty.** Pale rose pink	P	Nov. 1	4.00	35.00
W. H. Buckingham. Rose pink		Nov. 3	4.00	35.00
Mrs. Morgan G. Bulkeley. Light rose pink suffused with orchid lavender	P	Nov. 8	4.00	35.00
***Thyra.** Lavender	P	Nov. 10	4.00	35.00
***Masterpiece.** Tourmaline pink	P	Nov. 15	4.00	35.00
Orchid Beauty. Orchid with golden cushion	A	Nov. 15	4.00	35.00
***Freida.** Light lavender with yellow cushion	A	Nov. 15	4.00	35.00
***Norma.** Orchid pink petals with salmon cushion		Nov. 18	4.00	35.00
***Dark Pink Norma.** Deep lavender	A	Nov. 18	4.00	35.00
Minuet. Mauve to rose pink		Nov. 25	15.00	125.00
Usona. Lavender	P	Nov. 25	4.00	35.00
Hasegawa Pink. Lavender	S	Nov. 25	4.00	35.00
***Beautiful Lady.** Deep lavender rays with cream white cushion	A	Nov. 25	4.00	35.00
***Valencia.** Orchid pink	S	Nov. 30	4.00	35.00
***Dark Pink Valencia.** Deep orchid pink	S	Nov. 30	4.00	35.00
***Enchantress.** Deep pink with light pink cushion		Dec. 5	8.00	75.00
Prosperity. Deep lavender	D	Dec. 10	4.00	35.00
***Dark Pink Supreme.** Lavender	A	Dec. 10	4.00	35.00
Carillon. Deep orchid pink		Dec. 15	8.00	75.00
Pink Treasure Island. Light lavender	D	Dec. 20	4.00	35.00
Rosalind. Rose pink	S	Dec. 20	5.00	45.00

*—Responds to disbudding.

§—Propagation Rights Reserved—See Novelty Section.

POT PLANT VARIETIES

	Type	Matures	Price per 100	Price per 1000
Gold Lode. Light golden yellow		Oct. 1	$4.00	$35.00
Early October. Light lavender		Oct. 10	12.00	100.00
Jewell. Lavender		Oct. 15	4.00	35.00
Dark Pink Jewell. Deep lavender		Oct. 15	4.00	35.00
White Jewell. White tinged with light lavender		Oct. 15	4.00	35.00
Irene. White		Oct. 18	4.00	35.00
Rodell Improved. Light lemon yellow		Oct. 20	4.00	35.00
Minong. White		Oct. 20	4.00	35.00
Christina		Oct. 20	4.00	35.00
Blazing Gold. Deep golden yellow		Oct. 25	4.00	35.00
Rosabella. Rose pink		Oct. 25	4.00	35.00
Graceland. White with yellow center		Oct. 28	4.00	35.00
Glitters. Deep reddish orange		Oct. 28	4.00	35.00
Golden Glory. Golden yellow		Nov. 1	4.00	35.00
Apricot Queen. Orange bronze		Nov. 1	4.00	35.00
Nuggets. Light lemon yellow		Nov. 5	4.00	35.00
Indianapolis Pink. Deep lavender with pale reverse		Nov. 8	4.00	35.00
Indianapolis Bronze. Buff bronze		Nov. 8	4.00	35.00
Indianapolis White. Nov. 8		Nov. 8	4.00	35.00
Indianapolis Yellow. Lemon yellow		Nov. 8	8.00	75.00
Yellow Beauty. Golden yellow		Nov. 10	4.00	35.00
Cardonia. Deep golden yellow		Nov. 10	4.00	35.00
Richard Mandel		Nov. 10	4.00	35.00
Little America. White		Nov. 10	4.00	35.00
Red Melba. Light red		Nov. 10	4.00	35.00
Thyra. Deep lavender		Nov. 10	4.00	35.00
Queen of Pinks. Lavender		Nov. 10	4.00	35.00
Sunray. Light lemon yellow		Nov. 15	4.00	35.00
Honey Dew. Lemon yellow		Nov. 15	4.00	35.00
Yellow Fellow. Deep lemon yellow		Nov. 15	4.00	35.00
Gypsy. Pale reddish bronze		Nov. 15	4.00	35.00
Marketeer		Nov. 18	4.00	35.00
Bonnaffon Deluxe. Golden yellow		Nov. 20	4.00	35.00
Yellow Rolinda. Buff yellow		Nov. 23	4.00	35.00
Red Rolinda. Deep reddish bronze		Nov. 23	4.00	35.00
Sun Gold. Lemon yellow		Nov. 25	4.00	35.00
Helen Frick. Rose pink		Nov. 25	4.00	35.00
White Frick. White suffused with pink		Nov. 25	4.00	35.00
Beautiful Lady. Deep lavender rays with cream white cushion		Nov. 25	4.00	35.00

Twenty-five or more at the hundred rate.

Roses for Florists

HEART'S DESIRE

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1 field grown, dormant plants.

Ten or more of one variety take the 10 rate; 30 or more of one variety take the 100 rate.

All prices are F. O. B. Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

PATENTED ROSES

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

California. (Pat. No. 443.) Sensational new rose of unusual coloring, ruddy orange toned with saffron yellow. Buds long and pointed, flowers of enormous size, often five inches in diameter. Vigorous grower; healthy foliage; very fragrant. Each, $1.00; 10, $9.00.

Charlotte Armstrong. (Pat. No. 455.) The long, slender, blood-red buds open into magnificent, brilliantly colored flowers, spectrum-red in cool weather, cerise in hot weather. Blooms on long stems, very lasting when cut. Each, 75c; 10, $7.00.

Doubloons. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, 75c; 10, $7.00.

Eclipse. (Patent No. 172.) Internationally famous Rose of new form. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 75c; 10, $7.00.

Flash Cl. (Patent No. 396.) Vividly colored new Climber, growing about 7 ft. tall. Flowers glowing orange-scarlet, back of petals yellow, suffused scarlet. Prolific bloomer for several weeks. Each, 65c; 10, $6..00

Grand Duchesse Charlotte. (Pat. Rights Reserved.) A real aristocrat that has long streamlined buds of magnificent Morocco red, a color never before seen in the Rose World. The artistically curved petals of the full blooms do not fade, but gradually merge from a dusky coral red to a lovely coral rose. An All-American Rose Selection for 1943. Each, $1.00; 10, $9.00.

Heart's Desire. (Patent Rights Reserved). The No. 1 Rose of the 1941 "All-America Rose Selections." Its color is a pure even shade of luminous red which does not blue or burn and it is very fragrant. Vigorous grower with rich foliage and quantities of flowers on long cutting stems all season. Each, $1.00; 10, $9.00.

Mabelle Stearns. (Patent No. 297.) Rosa Setigera Hybrid Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, $1.00; 10, $9.00.

PATENTED ROSES—Continued

Mary Margaret McBride. (Pat. No. 537.) Deliciously fragrant new rose with long-pointed buds which gradually unfold to large, full double, high centered blooms of lovely coral-pink fused with a shimmering gold at the base. Excellent for cutting. All-American Rose Selection for 1943. Each, $1.00; 10, $9.00.

Mme. Chiang Kai-Shek—"The First Lady of China." "The Honor Rose for 1944." It has long pointed buds of light yellow which open full to beautifully formed, creamy yellow, long stemmed flowers over dark green large and leathery foliage. The divine form, alluring perfume, sheer elegance and fine growth, make this the loveliest of all yellow roses. Each, $1.40; 10, $12.50.

Pearl Harbor—"The Memory Rose." A plant of tremendous vigor that will grow and bloom freely under the most adverse conditions. The flowers are borne on vigorous canes and the bud is long and pointed. The upper surface of the petals is a delicate shade of shell-pink, shaded golden-bronze at the base. The outer, or reverse of the petals is vivid Tyriam-rose. Last but not least, the plants are practically thornless. Each, $1.00; 10, $9.00.

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 75c; 10, $7.00.

Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 65c; 10, $5.50; 100, $50.00.

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, $1.00; 10, $9.00; 100, $75.00.

Thor. Cl. (Pat. No. 387.) Brilliant scarlet-red of the same shade as Crimson Glory. The flowers are perfectly formed, are 4 to 5 inches across and have 55 to 60 petals. They are produced abundantly and are just as handsome as a Hybrid Tea Rose. Good disease resistant foliage. Hardy without protection in the Temperate Zone. Each, $1.75; 10, $15.00.

Will Rogers. (Patent No. 256.) Fine blooms of black crimson maroon which holds well. Very vigorous and has a really intense old-rose fragrance. Each, 65c; 10, $5.50.

Everblooming Hybrid Tea Roses

PRICES of the following 2 yr. No. 1 dormant. Each, 60c; 10 of one variety, $5.00; 100, $45.00.

Autumn. Large handsome buds, full double fragrant blooms of gorgeous burnt orange, streaked and marked with red.

Betty Uprichard. Semi-double, salmon-pink flowers stained with copper-pink on the outside.

Caledonia. Long, pointed buds opening into very large, double, high-centered snowy white blooms.

Condesa de Sastago. Spectacular rose of fiery copper on the inside and yellow on the reverse.

Cynthia. Well-formed buds and full double flowers of rich glowing oriental red or brilliant carmine. Vigorous grower and good cut flower variety.

Dainty Bess. Exquisite single flowers of delicate rose-pink with center of wine-red stamens. Blooms continuously in clusters.

Dame Edith Helen. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

Editor McFarland. Clear brilliant pink on long cutting stems. Extra fine.

E. G. Hill. Long, perfectly formed buds and full double flowers of dazzling scarlet.

Etoile de Hollande. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

Golden Dawn. Very double, fragrant flowers of soft lemon-yellow. Very fine garden variety.

Gruss an Teplitz. Brilliant red. One of the most prolific bloomers of all.

Joanna Hill. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

Kaiserin Auguste Viktoria. Delicate creamy white flowers of beautiful form.

Leonard Baaron. Immense blooms, over 5 inches across, of lovely salmon-pink with an amber glow. Vigorous, bush growth; very hardy.

STERLING

Everblooming Hybrid Tea Roses—Continued

Margaret McGredy. A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

McGredy's Scarlet. Large flowers of brilliant rose-red with scarlet sheen.

McGredy's Yellow. Beautifully formed buds of pure, light buttercup-yellow. Vigorous; free blooming; good foliage.

Mme. Butterfly. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

Mme. Jules Bouche. Very popular garden variety, always in bloom. White, sometimes lightly tinted pink. Fragrant.

Mrs. Charles Bell. (Shell-Pink Radiance.) Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

Mrs. E. P. Thom. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

Mrs. Pierre S. Du Pont. Reddish gold buds opening into unfading deep golden yellow flowers. Fragrant, always in bloom.

Mrs. Sam McGredy. Elegant shapely buds produced singly on strong stems. Well-shaped blooms of scarlet-orange, outside of petals flushed red.

Pink Dawn. Extra long buds of glistening rose-pink, excellent for cutting. Heavy bloomer. Sweetly fragrant.

President Herbert Hoover. A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

Radiance. Bright rose-pink, shining flowers of wonderful shape and fragrance. Very popular.

Red Radiance. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

Sister Therese. Very dependable yellow rose with long pointed, perfectly shaped buds, streaked with rich carmine, open flowers beautiful chrome yellow. Excellent for cutting.

Southport. Fine flowers of an exceedingly brilliant scarlet which is unaffected by the weather. Very showy and probably the most brilliant of all scarlet roses.

Talisman. A remarkable blending of gold, apricot, yellow, deep pink and old-rose.

MEDIUM GRADE ROSES

For those that like a smaller Rose than our heavy No. 1 grade, we can offer the following varieties in a 2 year medium or No. 1½ grade: **Autumn, E. G. Hill, Etoile de Holland, Joanna Hill, McGredy's Ivory,* Mme. J. Perraud, Mme. Jules Bouche, Mrs. E. P. Thom, Mrs. W. C. Miller, Pres. H. Hoover, Sister Therese and Souv. de Cl. Pernet.** 10 of one variety, $4.00; 100, $35.00. (Varieties marked with * 5c each higher.)

ROSES—Continued.

Famous Hybrid Tea Roses

PRICES of the following, except where noted, each, 65c; 10 of one variety, $5.50; 100, $50.00.

Christopher Stone. Classed with Etoile de Hollande and Crimson Glory as one of the three finest red Roses in existence. Produces quantities of brilliant, glowing, velvety scarlet blooms of good form.

Duquesa de Penaranda. Large double flowers of cinnamon-peach color, darker in fall.

Girona. One of the most fragrant Roses in existence and one of the best of all garden Roses for cutting. Very strong growing; good foliage; superb blooms of a beautiful red and yellow combination.

Mme. Joseph Perraud. (New.) Long, slender pointed, nasturtium-orange buds which open to sweetly fragrant flowers of a charming nasturtium-buff, flushed oink at the margins.

McGredy's Ivory. Perfectly shaped, ivory white buds open into magnificent blooms of perfect form.

Picture. Velvety, rose-pink rose, every flower being a perfect picture in color and form.

Poinsettia. The most dazzling red rose we have ever seen. Ideal buds open into large, semi-double beautiful scarlet blooms.

Pres. Macia. A superb variety that really performs. Extra long pointed buds of rich carmine-pink opening into great big blooms, often five inches across, of soft flesh-pink with yellow base. Vigorous grower, long stems, good foliage.

The Doctor. Long, pointed buds that expand to simply enormous blooms of beautiful, glowing rosy-pink. Sweetly fragrant.

Treasure Island. A beautiful blend of flaming coppery-pink, inside of petals light salmon, orange at base. Buds long and pointed on stiff stems, flowers large and fragrant, excellent for cutting. Resembles Countess Vandal.

Hardy Hybrid Perpetual Roses

PRICES of the following, except where noted, 2-year, No. 1, each, 60c; 10, $5.00; 100, $45.00.

Frau Karl Druschki (White American Beauty). The best white.

Henry Nevard. Unusually fragrant crimson-scarlet flowers of fine form.

Mrs. John Laing. Bright shining pink.

Floribunda Roses

PRICES of the following, Except where noted, each, 60c; 10, $5.00; 100, $45.00.

Cherrio. Superb double blooms of clear mallow pink shading to Tyrian-rose. Each, 65c; 10, $5.50.

Dagmar Spath. (White Lafayette). Floribunda. Large trusses of pure white, semi-double flowers, produced freely all summer.

Improved Lafayette. Semi-double, deep glowing red, suffused vivid crimson. Large sprays; in bloom all the time.

Mrs. R. M. Finch. Fragrant clusters of large double rose-pink flowers. Vigorous.

Pink Gruss an Aachen. Orange-red and yellow buds, and large full flowers of glowing salmon-pink, with deeper center, fading lighter.

Rosenelfe. Unusually beautiful, silvery rose-pink flowers of Gardenia-like form. They are very double, about 2½ inches across, and are produced abundantly; excellent for corsages.

Sunmist. Large flower clusters of clear sulphur yellow shading to canary-yellow. Each, 65c; 10, $5.50.

Climbing Roses

PRICES, except where noted, each, 60c; 10 of one kind, $5.00; 100, $45.00.

Bonfire. Best red rambler. Many heavy trusses of small double crimson-scarlet blooms.

Chaplin's Pink Climber. A vivid, pure pink Paul's Scarlet Climber.

Climbing American Beauty. Large double rosy crimson flowers freely produced in June.

Mary Wallace. Large, semi-double flowers, usually 4 inches across, of clear rose-pink with salmon base.

Mme. Gregoire Staechelin. Enormous blooms of iridescent pearl-pink, splashed carmine.

Paul's Scarlet Climber. Large, well-shaped flowers of a vivid scarlet red that does not fade.

Primrose. Large, double flowers of a soft, rich primrose-yellow, borne in clusters of 4 and 5.

Silver Moon. Beautiful, fragrant, semi-double flowers 4½ inches and over, of creamy white.

See "Patented Roses" for other varieties.

Our Roses are all Hardy, Northern Grown 2-year, Heavy No. 1 Grade.

PLANTED ROSES

In late May and June we can supply some of the varieties listed, planted in cloverset pots, in leaf and often in bud, at reasonable prices. We shall be glad to quote on your requirements.

Vaughan's Peonies

All Prices are F.O.B. Western Springs, Ill.,

Packing Charges to be added at cost.

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

WHITE AND LIGHT SORTS

	Each	10	100
9.0 **Baroness Schroeder.** Large flowers of good substance. Delicate flesh-white. Late	$0.40	$3.00	....
9.3 **Festiva Maxima.** Popular large white. Early	.30	2.50	$20.00
7.9 **Mad. de Verneville.** Fragrant flowers, very full double, pure white, with center delicately tinted blush. Early	.30	2.00	18.00

LIGHT AND DARK PINK AND ROSE

7.6 **Edulis Superba.** Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant	.30	2.00	18.00
9.0 **Sarah Bernhardt.** Dark rose-pink, edged lighter pink. Fine cut-flower variety. Late midseason	.40	3.00	.....
8.3 **Venus.** Delicate shell-pink; midseason	.30	2.50	20.00

RED AND CRIMSON

8.4 **Felix Crousse.** Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety	.30	2.50	18.00
8.8 **Karl Rosefield.** Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early	.25	2.00	18.00

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.25	$1.80	$12.00
Double White	.25	2.00	14.00
Double Red	.25	2.00	14.00

Vaughan's Irises

"S" refers to the three standard or upright curling petals.

"F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added at cost.

	Each	10
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size	$0.18	$1.50
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow	.20	1.75
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red	.20	1.75
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen	.25	2.00
Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance	.10	.75
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks	.18	1.50
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" claret crimson. A magnificent Iris	.20	1.75
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.18	1.50
Golden Treasure. 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous	.35	2.50
Golden Majesty. 42 in. A truly superb deep yellow iris. Large blooms of thick substance do not fade	1.00	8.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue	.18	1.50
Ming Yellow. 50 in. The perfect yellow iris. Vigorous in growth, strong foliage and stout, well-branched stems	1.25	....
Missouri. 36 in. Clear vivid blue of sensational size	.35	3.00
Naranja. 40 in. Large yellow with orange-yellow falls	.20	1.50
Prairie Sunset. 34 in. Blend of peach, apricot, rose, copper and gold. Large blooms on hardy, free blooming plants	4.00	....
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.15	1.25
Snowking. 40 in. Giant snow-white flowers. Vigorous	.30	....
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	.20	1.50
The Black Douglas. 38 in. "S" dark violet; "F" blackish-violet. A richly colored Iris of good form	.18	1.50
Tiffany. 36 in. Plicata of yellow gaily stitched in burnished rosy bronze. Hardy and free flowering	.50	....
Valor. 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems	.15	1.00
Wabash. 39 in. Dykes Medal 1940. "S" snowy white; "F" deep hyacinth-violet with white edge. The Iris experts agree it is the best Iris in commerce	.75	....

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 25% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S., Show.
*—Good cut flower varieties.

PINK TONES

	10	100
*A. D. LIVONI. (S.) A beautiful soft pink with quilled petals.	$1.75	$12.00
CAVALCADE. (F.D.) A beautiful shade of old rose or mulberry pink. A free and continuous bloomer. A good grower with long wiry stems that carry the flowers facing.	3.00	25.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower.	2.00	15.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage.	1.75	12.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow.	2.25	18.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches.	1.75	12.00
ROSE GLORY. (F.D.) Deep rose pink with fine long stems. Medium height bush.	1.75	12.00

RED TONES

GALLANT FOX. (F.D.) A commercial red. Its keeping qualities, sturdy stem and fine color make it a valuable sort.	1.75	12.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler reverse, giving a two-toned effect.	2.00	15.00
LONG ISLAND RED. (F.D.) A shade of geranium red that catches the eye and makes an appeal. Very free flowering and medium sized flowers.	2.50	20.00
LOIS WALCHER. (F.D.) Deep amaranth purple that breaks sharply into pure white. The stems are ideal. The healthy bush is an early and prolific bloomer.	5.50	50.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine giant in size and outstanding in all respects.	2.25	18.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. Free bloomer.	1.75	12.00
OAKLEIGH MONARCH. (I.D.) A clear brilliant cerise red. Very large blooms of great depth which keep well when cut. Strong, rugged grower.	3.50	30.00
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals, shading to a bright orange with paler tips. Strong grower with large blooms on good stems.	2.00	15.00
QUEEN CITY. (F.D.) Color scarlet pink. Flowers of good size ball type formal. Early and free bloomer continues until frost. Should be cut when blooms are two-thirds developed.	2.50	20.00
SATAN. (S.C.) A flaming red with a slight touch of gold at the center. Strong grower with heavy foliage and heavy stems.	2.50	20.00
SON OF SATAN. (S.C.) One of the largest and brightest of its type. Bright scarlet blooms on excellent stems. A sensation in any garden.	4.50	40.00

YELLOW TONES

*AVALON. (I.D.) Clear yellow. Large flowers on long stems.	1.75	12.00
CALIFORNIA IDOL. (I.D.) A giant yellow and a splendid grower.	3.00	25.00
KENTUCKY SUN. (F.D.) A large clear yellow producing quantities of uniform flowers.	3.00	25.00
MARY BAKER. (I.D.) A fine clear deep yellow. One of the earliest and most free blooming Dahlias.	2.50	20.00
MARY HELEN. (S.) A wonderful golden primrose. One of the best ball type. Large, perfect and fine stem.	2.25	18.00
MRS. JAMES ALBIN. (F.D.) A soft pleasing yellow with fine formal blooms carried on straight stiff stems. A clean sturdy growth and branches freely making it easy to cut the blooms with long stems.	2.50	20.00
SULTAN OF HILLCREST. (F.D.) Clear deep lemon-yellow, reverse rosy pink. A unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems.	2.50	20.00

WHITE TONES

FLORIST WHITE. (F.D.) Pure white, fine form. Good grower with long stems.	2.50	20.00
JERSEY'S DAINTY (S.C.) White with slight lavender tinge. An excellent cut flower variety that produces many flowers on good stem.	2.50	20.00
MISS OAKLAND. (F.D.) Pure white. Perfect habit of growth free flowering; unexcelled for cut flowers or exhibition.	3.50	30.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of fine form and substance with strong stems.	1.75	12.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The giant blooms are pure white with long twisted and curled petals	2.25	18.00

MINIATURE AND POMPON DAHLIAS

LAVENDER and VIOLET SHADES

	10	100
BONNIE BLUE. (S.) Lavender blue. A good grower and fine cutflower variety.	$2.25	$18.00
HUNT'S VELVET WONDER. (I.D.) Color is a rich violet purple. The huge blooms can be grown to immense size. A strong grower with striking foliage. A good exhibition variety.	3.50	30.00
JEAN TRIMBEE. (I.D.) A rich deep petunia-violet of immense size carried well above foliage on stiff stems.	3.00	25.00

ORANGE and AUTUMN TONES

CHARLOTTE CALDWELL. (S.) Bright orange with shadings of terra cotta. Fine foliage and good growth.	2.50	20.00
JANE COWL. (I.D.) A large flower of a warm buff and old gold blending to a bright salmon at the center.	2.00	15.00
MAYOR FRANK OTIS. (I.D.) Soft rich golden yellow with just a touch of copper shading. A vigorous grower with fine stems. Large blooms unusually broad and deep with artistic petal formations.	5.50	50.00
ROSE FALLON. (F.D.) Dark orange tinted with amber and salmon and both pleasing and effective. Strong grower.	1.75	12.00

*POMPONS

AMBER QUEEN. Amber suffused with apricot.	1.75	12.00
BACCHUS. Bright red rounded and full.	2.00	15.00
BRONZE BEAUTY. Gold apricot. Fine cut flower variety.	1.75	12.00
CATHERINE. Bright yellow, good form and stem.	1.50	10.00
EDITH MUELLER. A bright cerise pink. A fine cutting variety	1.75	12.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white.	1.50	10.00
MARY MUNNS. Fine lavender variety that is considered as among the very best in this color.	1.75	12.00
ROSA WILMOTH. Small fine formed rose-pink.	2.00	15.00
SHERRY. A deep purple which is nearly round and very attractive.	2.00	15.00
SNOWCLAD. Pure white, one of the best.	1.75	12.00

*MINIATURE DAHLIAS

ANDRIES ORANGE. Bright orange. One of the finest miniatures	2.50	20.00
BABY ROYAL. (S.C.) Salmon-pink and apricot with gold shadings. Very free bloomer.	1.75	12.00
BISHOP OF LLANDOFF (Duplex). Brilliant rich red blooms in contrast to the bronze-dark foliage make it outstanding.	2.00	15.00
FAIRY. A violet-rose shading mauve at tips.	1.75	12.00
LITTLE DREAM. (F.D.) Rose-pink with slight white tippings. Long wiry stems and graceful foliage.	2.50	20.00
LITTLE DUKE. (F.D.) A deep rich Burgundy. The very dark green insect-resistant foliage forms a pleasing contrast with the richly colored blooms.	2.25	18.00
PRINCESS ALBA. (F.D.) Here is a miniature that sets a new high standard in the white class. The plants are tall and of excellent growing habit and produce quantities of perfectly formed blooms on fine long stems.	2.25	18.00
RANGER. (F.D.) A clear orange-red, blooms on long stiff stems. The tall growing plants are of perfect habit and produce an abundance of blooms.	2.25	18.00
SNOWSPRITE. (S.C.) Glistening snow white in color with perfect stems and artistic form. Good dependable variety.	2.00	15.00
SYLVIA. (F.D.) Garnet red with fine stem. A good grower.	1.75	12.00

UN-NAMED DAHLIAS

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, variegated and lavender, strong divisions of field roots	1.25	8.00

Not less than five of a variety.

Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 30 plants of one kind supplied at 100 rate.

ELSHOLTZIA Stauntoni

FORSYTHIA Ovata

BUDDLEIA, Butterflybush

OUR shrubs are nursery-grown and are transplanted every two or three years They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	$0.35	$ 3.00	$25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
ALMOND. See Prunus glandulosa.			
ALTHAEA. See Hibiscus.			
ARALIA Spinosa (Devil's Walking Stick).			
3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
ARONIA Brilliantissima. 2 to 3 ft.	.40	3.50	30.00
BERBERIS Koreana (Korean Barberry).			
3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 18 to 24 in.	.50	4.00	32.00
Thunbergi. 18 to 24 in.	.30	2.00	16.00
24 to 30 in.	.35	2.50	22.50
Thunbergii Atropurpurea. 12 to 18 in.	.25	2.00	.....
18 to 24 in.	.35	3.00	.....
Thunbergii Erecta (Truehedge Columnberry). (Patent No. 110) 18 to 24 in.	.45	3.50	30.00
BUDDLEIA Alternifolia. 2-year No. 1.	.50	3.50	.....
Charming. (Pink). Field grown	.40	3.50	.....
Dubonnet (New Red). Field grown	.40	3.50	.....
Orchid Beauty. Field grown	.40	3.50	.....
Royal Purple. Field grown	.40	3.50	.....
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.40	2.50	.....
CHIONANTHUS Virginica (White fringe tree).			
3 to 4 ft.	.75	6.50	.....
CORNUS Alba Sibirica (Coral Dogwood). 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	3.50	30.00
Amomum. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.25	20.00
5 to 6 ft.	.35	3.00	25.00
Baileyi. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00

CORNUS—Continued.	Each	10	100
Florida Rubra. See page 68.			
Paniculata. 3 to 4 ft.	$0.40	$3.00	$25.00
4 to 5 ft.	.45	3.50	30.00
Sanguinea (Bloodtwig Dogwood).			
3 to 4 ft.	.30	2.50	22.50
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
Stolonifera Flaviramea (Goldentwig Dogwood).			
2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
COTONEASTER Acutifolia. 3 to 4 ft.	.40	3.50	30.00
CRAB. See Malus, page 68.			
CRATAEGUS. See page 68.			
CYDONIA Japonica. 18 to 24 in.	.35	3.00	25.00
2 to 3 ft.	.40	3.50	.....
DEUTZIA Gracilis. 15 to 18 in.	.40	3.50	.....
Lemoinei. 18 to 24 in.	.40	3.50	.....
ELSHOLTZIA Stauntoni (Heathermint). 18 to 24 in.	.40	3.50	30.00
EUONYMUS Alatus (Burning Bush). 2 to 3 ft.	1.00	9.00	.....
3 to 4 ft.	1.50	12.50	.....
4 to 5 ft.	1.75	.....	.....
Alatus Compacta. 18 to 24 in.	.75	6.50	.....
2 to 2½ ft.	1.00	9.00	.....
2½ to 3 ft.	1.50	.....	.....
3 to 3½ ft.	2.25	.....	.....
Europaeus (European Burning Bush). 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.50	40.00
5 to 6 ft.	.60	5.50	50.00
EUONYMUS Radicans Colorata (Bronze Winter Creeper). Foliage bright red during the winter months. 12 to 15 in.	.40	3.50	.....
Radicans Vegetus (Bigleaf Winter Creeper).			
12 to 15 in., 6 in. pots	.90	7.50	.....
18 to 24 in., B. & B.	1.50	.....	.....
24 to 30 in., B. & B.	2.00	.....	.....
FORSYTHIA Intermedia. 3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

PHILADELPHUS Grandiflorus

ORNAMENTAL SHRUBS, Forsythia—Cont.	Each	10	100
Intermedia Spectabilis. 2 to 3 ft.	$0.30	$2.50	$20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Ovata (Korean Golden Bell). 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	.....
Suspensa (Weeping F.). 2 to 3 ft.	.30	2.50	22.00
3 to 4 ft.	.35	3.00	25.00
Suspensa Fortunei. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	30.00
HAMAMELIS Vernalis (Winterblooming Witch Hazel). 2 to 3 ft.	.75	6.00	.....
HIBISCUS Syriacus (Rose of Sharon), (Althaea). Double Purple, Pink, Red or White. 3 to 4 ft.	.40	3.00	27.50
HOLODISCUS Discolor (Ocean Spray). 2 to 3 ft.	.60	5.00	.....
HYDRANGEA Arborescens Grandiflora. 2 to 3 ft.	.40	3.50	.....
Opuloides (Blue H). 2 yr.	.90	8.00	.....
Paniculata Grandiflora. 18 to 24 in.	.35	3.00	25.00
2 to 3 ft.	.40	3.50	30.00
KERRIA Japonica fl. pl. 2 to 3 ft.	.60	5.50	.....
KOLKWITZIA Amabilis. 2 to 3 ft.	.60	5.00	.....
LIGUSTRUM Amurense (Amoor Privet, North).			
18 to 24 in., 4 canes	....	1.20	10.00
2 to 3 ft., heavy, 2-yr. cut back	....	2.00	18.00
3 to 4 ft., heavy, 2-yr. cut back	....	2.50	20.00
4 to 5 ft., heavy, cut back	....	3.00	25.00
Ibota Regelianum. 2 to 3 ft.	.40	3.50	27.50
3 to 4 ft.	.50	4.00	35.00
Vulgare (European Privet). 3 to 4 ft.	....	1.75	15.00
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 69.			
LILAC. See Syringa.			
LONICERA (Bush Honeysuckle).			
Bella Albida. 4 to 5 ft.	.40	3.00	27.50
5 to 6 ft.	.50	3.50	30.00
Demissa. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.00	.....
Fragrantissima (Winter Honeysuckle). 2 to 3 ft.	.40	3.50	.....
Korolkowi Zabeli (True Red Honeysuckle). 2 to 3 ft.	.50	4.00	.....
Ruprechtiana. 3 to 4 ft.	.30	2.50	20.00
Tatarica Alba. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Tatarica Rosea. 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	3.50	30.00
Tatarica Rubra. 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	3.50	30.00
Mahonia Aquifolia (Oregon Hollygrape).			
12 to 15 in., B. & B.	1.00	9.00	.....
15 to 18 in., B. & B.	1.50	12.50	.....
PHILADELPHUS—Mockorange			
Coronarius. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	30.00
Grandiflorus. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	27.50
Innocence. 3 to 4 ft.	.90	7.50	.....
Norma. 3 to 4 ft.	.50	4.00	30.00
4 to 5 ft.	.60	5.00	35.00
Virginal. 2 to 3 ft.	.60	5.00	40.00
PHYSOCARPUS Monogynus (Dwarf Ninebark). 2 to 3 ft.	.40	3.00	.....
PHYSOCARPUS Opulifolius (Common Ninebark).			
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
Opulifolius Aureus (Goldenleaf Ninebark). 4 to 5 ft.	.40	3.50	25.00
5 to 6 ft.	.50	4.00	35.00

SPIRAEA Bumalda Froebeli

	Each	10	100
PRUNUS Besseyi (Hansen Bush Cherry). 2 to 3 ft.	$0.40	$3.00	.....
PRUNUS Glandulosa (Flowering Almond).			
Sinensis (Double Pink.) 2 to 3 ft.	.50	4.00	$35.00
Nana (Dwarf Siberian Almond). 18 to 24 in.	.50	4.50	.....
Triloba. See Trees, page 68.			
RHAMNUS Cathartica (Buckthorn). 3 to 4 ft.	.30	2.00	17.50
4 to 5 ft.	.40	3.00	25.00
Frangula. 4 to 5 ft.	.40	3.50	.....
5 to 6 ft.	.50	4.00	.....
RHODOTYPOS Kerrioides. 2 to 3 ft.	.40	3.50	.....
RHUS Canadensis (Fragrant Sumac). 2 to 3 ft.	.40	3.50	.....
ROSA.			
Hugonis. 2-year	.50	3.50	.....
Rugosa Belle Poitevine. 2-year	.40	3.00	.....
Rugosa F. J. Grootendorst. 2-year	.50	4.00	35.00
Rugosa Hansa. 2-year	.40	3.00	25.00
Rugosa Pink Grootendorst. 2-year	.50	4.00	.....
Spinosa Altica. 4-year	.40	3.00	25.00
SALIX Caprea (French Pussy Willow). 3 to 4 ft.	.50	3.50	.....
Purpurea (Dwarf Blueleaf Arctic Willow). 2½ to 3 ft.	.60	5.00	.....
SPIRAEA Arguta. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
Bumalda Anthony Waterer. 15 to 18 in.	.30	2.50	20.00
18 to 24 in.	.40	3.00	25.00
Froebeli. 18 to 24 in.	.30	2.50	20.00
24 to 30 in.	.40	3.00	25.00
Trichocarpa (Korean S.). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Van Houttei (Bridalwreath). 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.50	4.00	30.00

RHAMNUS Cathartica

RUGOSA ROSE Grootendorst

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

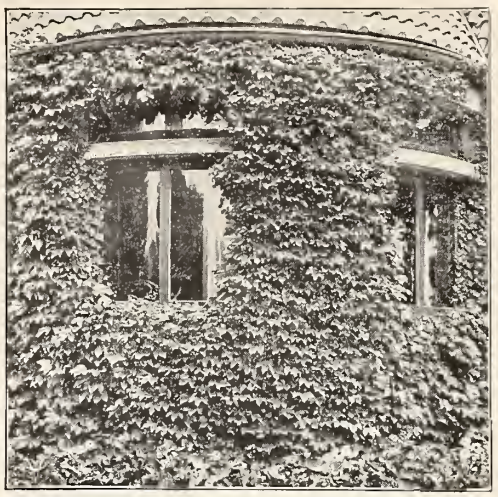
ORNAMENTAL SHRUBS—Cont.	Each	10	100
SYMPHORICARPOS.			
Racemosus (Snowberry). 3 to 4 ft.	$0.30	$2.50	$20.00
Vulgaris (Indian Currant). 3 to 4 ft.	.30	2.50	20.00
SYRINGA (Lilac) Japonica. 3 to 4 ft.	.60	5.00	.....
Persian Purple. 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
Villosa. 3 to 4 ft.	.50	4.50	.....
4 to 5 ft.	.75	6.50	.....
Vulgaris Alba. 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.00	.....
Vulgaris Purpurea. 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
5 to 6 ft.	.75	6.50	50.00
NAMED FRENCH VARIETIES.			
Chas. Joly, Chas X, Pres. Grevy. Mme. Lemoine. 2 to 3 ft.	.75	6.50	.....
Charles X, Charles Joly, Pres. Grevy. 3 to 4 ft.	1.00	9.00	.....
Congo. 2 to 3 ft.	1.25	.....	.....
3 to 4 ft.	1.75	.....	.....
Edith Cavell. 3 to 4 ft.	2.00	.....	.....
Lucie Baltet. 2 to 3 ft.	1.50	.....	.....
TAMARIX Africana. 5 to 6 ft.	.40	3.50	30.00
Amurense. 5 to 6 ft.	.40	3.50	30.00
Hispida Aestivalis Rubra. 2-year	.50	4.50	.....
VIBURNUM Americanum.			
2 to 3 ft.	.50	4.50	40.00
3 to 4 ft.	.60	5.00	45.00
Carlesi (Fragrant V.) 18 to 24 in.	1.50	.....	.....
Dentatum. 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
5 to 6 ft.	.75	6.00	.....
Fragrans. 2 to 3 ft., B. & B.	2.00	.....	.....
3 to 4 ft., B. & B.	4.00	.....	.....
Lantana. 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	4.50	40.00
5 to 6 ft.	.70	5.00	45.00
Lentago. 3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.75	6.50	.....
6 to 8 ft.	.90	7.50	.....
Opulus. 2 to 3 ft.	.50	4.50	40.00
3 to 4 ft.	.60	5.00	45.00
Opulus Nanum. 12 to 14 in.	.60	5.00	.....
Opulus Sterile. 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	40.00
Sieboldi. 4 to 5 ft.	.60	5.00	45.00
5 to 6 ft.	.75	6.00	.....
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA Abel Carrieri. 3 to 4 ft.	.50	4.00	.....
Bristol Ruby. (Patent No. 492). 2 to 3 ft.	.75	6.50	.....
Floribunda. 3 to 4 ft.	.50	4.00	.....
Rosea. 2 to 3 ft.	.40	3.00	22.50

WEIGELA

SNOWBERRY
Symphoricarpos Racemosus

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.



AMPELOPSIS Veitchii (Boston Ivy).

Hardy Vines

	Each	10	100
AMPELOPSIS Aconitifolia (Monkshood Vine). Attractive foliage; amber berries in autumn. 4-year	$0.35	$2.50	.....
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	.30	2.50	$18.00
Heterophylla (Turquoise Vine). Ornamental foliage; berries bright turquoise blue in fall. 2-year	.40	3.50	.....
Veitchi (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.40	3.00	25.00
3-year	.50	3.50	30.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). 2-year, grafted	.60	5.00	40.00
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.30	2.20	20.00
Mme. Gallen. More dwarf than above, but has immense flower clusters. 2-year, grafted	.60	5.00	.....
CELASTRUS Scandens (American Bittersweet). Hardy climber, with orange-capsuled fruit in autumn. 2-year	.30	2.50	20.00
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.35	3.00	.....
CLEMATIS—Large-Flowering.			
Henryi, single white; Jackmani, rich deep purple; Mme. Ed. Andre, wine-red; Ramona, blue. 2-year No. 1	.60	5.00	45.00
3-year	.75	6.00	.....
2½-inch pots. 50 for $9.00	.35	2.20	16.00
Belle of Woking (New). Double silver gray. 2-yr.	.90	7.50	.....
Comtesse de Bouchard (New). Satiny rose. 2-yr.	.90	7.50	.....
Lord Neville (New). Rich velvety violet-purple. 2-yr.	.90	7.50	.....
Crimson King. Bright red. 2-year	.90	7.50	.....
Prins Hendrik. Azure-blue. 2-year	1.25	.....	.....
CLEMATIS. Duchess of Albany (New). Pink trumpet-shaped flowers about 3½ to 4 inches long. 2-year	1.00	.....	.....
HEDERA Helix Gracilis.			
Small-Leaved English Ivy. Hardy. 2½-inch pots	....	1.00	7.50
HYDRANGEA Petiolaris (Climbing Hydrangea). Large clusters of white flowers in July. 4-inch pots.	.75	6.00	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.40	3.00	25.00
Japonica Halliana (Hall's Honeysuckle). Very fragrant pure white flowers changing to yellow. 2-year	.35	2.00	18.00
POLYGONUM Auberti. Fast growing vine, producing foamy masses of white flowers in late summer. 2-year	.50	4.00	30.00
2½ in., pots.	.35	2.20	.....
PUERARIA Thunbergiana (Kudzu Vine). Bean-like foliage; of extraordinary rapid growth. No. 1	.35	3.00	.....
WISTERIA.			
Multijuga Floribunda Rosea (Pink Japanese Wisteria). 1-year, grafted	.75	6.50	.....
Sinensis Alba. Pure white flowers. 2-year grafts	.55	4.50	.....
Sinsenis Purpurea. Flowers purple. 2-year grafts	.55	4.50	.....

Ornamental and Shade Trees

AMERICAN ELM, MOLINE TYPE

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	$1.00	$ 9.00	$85.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	10.00	.....
Ginnala (Amur Maple).			
4 to 5 ft.	.85	7.50	65.00
5 to 6 ft.	1.00	9.00	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.75	35.00	.....
Write for prices on all maples in larger sizes.			
Platanoides Columnare (Columnar Norway Maple). 6 to 7 ft.	2.25	20.00	.....
7 to 8 ft.	2.75	25.00	.....
Platanoides Globosum (Globe Maple).			
5 to 6 ft., 6 year heads	6.00	.....	.....
Platanoides Schwedleri (Schwedler Maple).			
6 to 8 ft.	2.00	17.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	3.00	27.50	.....
12 to 14 ft., 3 to 3¼ in. caliper	12.00	.....	.....
14 to 16 ft., 3½ to 3¾ in. caliper	14.00	.....	.....
Saccharum (Sugar Maple).			
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
AESCULUS Carnea (Red Horsechestnut).			
4 to 5 ft.	3.00	.....	.....
AILANTHUS Glandulosa (Tree of Heaven). 6 to 8 ft.	.75	6.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	12.50	.....
12 to 14 ft., 2¾ to 3 in. caliper	4.00	37.50	.....
ARALIA Spinosa (See Shrubs).			
BETULA.			
Alba (European White Birch).			
6 to 7 ft. clumps	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
Alba Fastigiata (Pyramidal European White Birch). 6 to 7 ft.	2.50	.....	.....
Pendula Gracilis (Cut-Leaved Weeping Birch).			
8 to 10 ft., 1 to 1¼ in. caliper	3.00	.....	.....
CERCIS Canadensis (American Redbud).			
3 to 4 ft.	1.00	.....	.....
4 to 5 ft.	1.50	.....	.....
5 to 6 ft.	1.75	.....	.....
CHERRY, Japanese—See Prunus.			
CORNUS Florida (White Flowering Dogwood).			
3 to 4 ft., B. & B.	2.00	.....	.....
CORNUS Florida Rubra (Pink Flowering Dogwood).			
3 to 4 ft., B. & B.	3.25	.....	.....
4 to 5 ft., B. & B.	3.75	.....	.....
CRATAEGUS (Hawthorn).			
Carrieri. 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	1.00	9.00	75.00
5 to 6 ft.	1.50	12.50	.....
Coccinea (Thicket Hawthorn). 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	1.00	9.00	75.00
5 to 6 ft.	1.50	12.50	.....
Cordata. 6 to 7 ft.	2.50	22.50	.....
8 to 10 ft., specimens, B. & B.	8.50	.....	.....
10 to 12 ft., specimens, B. & B.	10.00	.....	.....
Crusgalli. 5 to 6 ft.	2.50	22.50	.....
6 to 7 ft.	3.50	32.50	.....
6 to 7 ft., specimens, B. & B.	7.00	.....	.....
7 to 8 ft., specimens, B. & B.	8.00	.....	.....
8 to 10 ft., specimens, B. & B.	9.00	.....	.....
10 to 12 ft., specimens, B. & B.	10.00	.....	.....

CRATAEGUS—Continued	Each	10	100
Mollis. 3 to 4 ft.	$ .75	$ 6.50	.....
4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.50	12.50	.....
Oxyacantha (English Hawthorn). 4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.75	15.00	.....
6 to 7 ft.	2.75	25.00	.....
6 to 7 ft., specimens, B. & B.	5.00	.....	.....
7 to 8 ft., specimens, B. & B.	5.75	.....	.....
8 to 10 ft., specimens, B. & B.	6.50	.....	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn). 4 to 5 ft.	1.75	15.00	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft., 1 to 1¼ in. caliper, B. & B.	6.00	.....	.....
Write for prices of Crataegus in larger sizes.			
GLEDITSIA Triacanthos Inermis (Thornless Honeylocust). 6 to 8 ft.	1.00	9.00	80.00
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.00	27.50	.....
Gleditsia Triacanthos (Honeylocust).			
8 to 10 ft., 1 to 1¼ in. caliper	1.25	10.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	12.50	.....
LABURNUM Alpinum (Scotch Golden Chain).			
3 to 4 ft.	.90	7.50	.....
4 to 5 ft.	1.25	10.00	.....
LIRIODENDRON Tulipifera.			
6 to 8 ft., 1 to 1¼ in. caliper	1.50	13.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.00	17.50	.....
MAGNOLIA Glauca (Sweet Bay).			
3 to 4 ft., B. & B.	3.50	.....	.....
4 to 5 ft., B. & B.	4.50	.....	.....
Soulangeana. 2 to 3 ft., B. & B.	4.00	.....	.....
3 to 4 ft., B. & B.	6.00	.....	.....
4 to 5 ft., B. & B.	8.00	.....	.....
5 to 6 ft., B. & B.	10.00	.....	.....
6 to 7 ft., B. & B.	12.00	.....	.....
Stellata (Halleana) (Star M). 18 to 24 in., B. & B.	4.00	.....	.....
2 to 2½ ft., B. & B.	5.00	.....	.....
MALUS (Flowering Crab Apples).			
Atrosanguinea, Eleyi, Niedzwetzkyana. 4 to 5 ft.	.90	7.50	.....
Atrosanguinea, Eleyi, Niedzwetzkyana. 5 to 6 ft.	1.25	10.00	.....
Atrosanguinea, Baccata, Coronaria, Eleyi, Sieboldi. 6 to 8 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
Atrosanguinea, Baccata, Eleyi, Floribunda. 6 to 8 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
Atrosanguinea, Baccata, Eleyi, Floribunda, Sieboldi. 6 to 8 ft., 1½ to 1¾ in. caliper, specimens	3.00	27.50	.....
Atrosanguinea, Eleyi. 6 to 8 ft., 1¾ to 2 in. caliper, specimens	3.50	32.50	.....
Atrosanguinea, Floribunda. 2 to 2½ in. caliper, specimens	5.00	.....	.....
Atrosanguinea, Floribunda. 2½ to 3 in. caliper, specimens	7.50	.....	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft.	1.00	8.50	.....
4 to 5 ft.	1.50	12.50	.....
5 to 6 ft., 1¼ to 1½ in. specimens	4.00	.....	.....
Sargenti. 4 to 5 ft., 1 to 1¼ in. caliper	3.00	27.50	.....
5 to 6 ft., 1¼ to 1½ in. caliper	3.50	32.50	.....
5 to 6 ft., 1½ to 1¾ in. caliper	5.00	.....	.....
POPULUS (Poplar).			
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	.40	3.00	25.00
8 to 10 ft., 1 to 1¼ in. caliper	.50	4.00	35.00
8 to 10 ft., 1¼ to 1½ in. caliper	.60	5.50	45.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	8.00	70.00
10 to 12 ft., 1¾ to 2 in. caliper	1.00	9.00	85.00
12 to 14 ft., 2 to 2¼ in. caliper	1.25	11.00	100.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.75	15.00	125.00
12 to 14 ft., 2½ to 3 in. caliper	2.25	20.00	.....
PRUNUS Americana (American Plum). 3 to 4 ft.	.25	2.00	.....
4 to 5 ft.	.30	2.50	.....
5 to 6 ft.	.35	3.00	.....
Newport (Purple-leaved). 3 to 4 ft.	.50	4.00	45.00
Padus (European Bird Cherry). 5 to 6 ft.	.90	7.50	.....
6 to 8 ft.	1.00	9.00	.....
Tomentosa (Nanking Cherry). 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.75	6.00	.....
5 to 6 ft.	.90	7.50	.....
Triloba (Flowering Plum). 3 to 4 ft.	.65	6.00	.....
PRUNUS (Japanese Flowering Cherries).			
Kwanzan (Sekizan) or Autumnalis. 5 to 6 ft.	1.75	15.00	.....
SALIX Blanda (Wisconsin Weeping Willow).			
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
SOPHORA Japonica (Pagoda Tree).			
2 to 3 ft.	.90	7.50	.....
3 to 4 ft.	1.25	10.00	.....
4 to 5 ft.	1.50	.....	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft.	1.50	12.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.50	.....	.....
Sorbus Quercifolia (Oakleaf Mountain Ash).			
6 to 8 ft.	2.25	20.00	.....
TILIA Parvifolia (European Linden).			
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
Platyphyllos Pyramidalis (Pyramidal European Linden). 6 to 8 ft.	2.50	22.50	.....
6 to 8 ft., specimens, B. & B.	5.00	.....	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.75	25.00	.....
8 to 10 ft., specimens, B. & B.	6.50	.....	.....

	Each	10	100
Americana (American Linden).			
8 to 10 ft., 1 to 1¼ in. caliper	$1.50	$14.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.75	.....	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.25	20.00	.....
ULMUS Americana (American Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	1.25	11.25	$100.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	13.50	125.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.75	16.00	150.00
10 to 12 ft., 1¾ to 2 in. caliper	2.50	22.50	200.00
10 to 12 ft., 2 to 2¼ in. caliper	2.75	25.00	225.00
12 to 14 ft., 2¼ to 2½ in. caliper	3.00	27.50	250.00
12 to 14 ft , 2½ to 2¾ in. caliper	3.50	32.50	300.00
12 to 14 ft., 2¾ to 3 in. caliper	4.50	42.50	.....
14 to 16 ft., 3 to 3¼ in. caliper	5.00	45.00	.....
14 to 16 ft., 3¼ to 3½ in. caliper	5.50	50.00	.....
16 to 20 ft., 3½ to 4 in. caliper	6.50	60.00	.....
Americana Molini (Moline Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	1.90	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft , 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft , 1¾ to 2 in. caliper	3.00	27.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.50	32.50	.....
12 to 14 ft., 2¼ to 2½ in. caliper	4.00	37.50	.....
12 to 14 ft., 2½ to 2¾ in. caliper	4.25	40.00	.....
12 to 14 ft., 2¾ to 3 in. caliper	4.50	42.50	.....
14 to 16 ft., 3 to 3¼ in. caliper	5.00	47.50	.....
16 to 18 ft., 3¼ to 3½ in. caliper	5.75	55.00	.....
16 to 18 ft., 3½ to 3¾ in. caliper	6.50	.....	.....
16 to 18 ft., 3¾ to 4 in. caliper	7.50	.....	.....

ULMUS Americana Molini—Continued	Each	10	100
4 to 4½ in. caliper	$8.50	$80.00	.....
4 to 4½ in. caliper, specimens	12.50	.....	.....
Write for prices on all Elms in larger sizes.			
Americana Urni (Vase-Shaped Elm).			
10 to 12 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.50	32.50	.....
12 to 14 ft., 2¼ to 2½ in. caliper	4.00	37.50	.....
14 to 16 ft., 2½ to 2¾ in. caliper	4.25	40.00	.....
14 to 16 ft., 2¾ to 3 in. caliper	4.50	42.50	.....
3 to 3¼ in. caliper	5.00	47.50	.....
3¼ to 3½ in. caliper	5.75	55.00	.....
3½ to 4 in. caliper	6.50	.....	.....
4 to 4½ in. caliper	8.50	.....	.....
Pumila (Chinese Elm).			
5 to 6 ft	.65	5.50	$45.00
6 to 8 ft	.90	7.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.90	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	3.50	32.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper	4.00	37.50	.....
12 to 14 ft., 2½ to 2¾ in. caliper	4.25	40.00	.....
12 to 14 ft., 2¾ to 3 in. caliper	4.50	42.50	.....
Pumila—Chinese Elm Hedging.			
2 to 3 ft. seedling, not transplanted		.75	6.00

All prices f. o. b. our nursery, Western Springs, Ill. Subject to change without notice.

All trees personally selected in our nursery will be charged for according to their value.

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

	Each	10	100
ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue-green foliage.			
2 to 2½ ft.	$2.75	$25.00	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.50	.....	.....
4½ to 5 ft.	7.00	.....	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
12 to 15 in.	.90	7.50	.....
15 to 18 in.	1.15	10.00	.....
18 to 24 in.	1.50	13.50	.....
24 to 30 in.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
Chinensis Keteleeri. Of broad pyramidal form; green foliage.			
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.50	42.50	.....
4½ to 5 ft.	5.00	47.50	.....
5 to 5½ ft.	5.50	52.50	.....
5½ to 6 ft.	6.00	.....	.....
6 to 6½ ft.	8.00	.....	.....
6½ to 7 ft.	9.00	.....	.....
7 to 8 ft.	10.50	.....	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearanee.			
12 to 15 in. spread	1.35	12.50	$115.00
15 to 18 in. spread	1.75	15.00	135.00
18 to 24 in. spread	2.25	20.00	190.00
2 to 2½ ft. spread	3.00	27.50	250.00
2½ to 3 ft. spread	3.75	35.00	325.00
3 to 3½ ft. spread	4.50	42.50	.....
3½ to 4 ft. spread	5.50	52.50	.....
4 to 4½ ft. spread	6.50	62.50	.....
6 to 7 ft. spread	10.00	.....	.....
6 to 7 ft. spread, speeimens	12.50	.....	.....
7 to 8 ft. spread	12.00	.....	.....
8 to 9 ft. spread	15.00	.....	.....
9 to 10 ft. spread	16.00	.....	.....
10 to 12 ft. spread	17.50	.....	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
2 to 2½ ft.	3.50	32.50	.....
2½ to 3 ft.	4.50	42.50	.....
3 to 3½ ft.	5.50	.....	.....
3½ to 4 ft.	6.50	.....	.....
Chinensis Pfitzeriana Compacta. A compact form of the popular Pfitzer Juniper. Has light gray green foliage.			
2 to 2½ ft.	4.00	37.50	.....
2½ to 3 ft.	4.75	45.00	.....
Cinensis Procumbens. Long trailing branches; foliage glaucous green. 24 to 30 in. spread	2.75	25.00	.....
2½ to 3 ft. spread	3.00	27.50	.....
3 to 3½ ft. spread	3.25	30.00	.....
Chinensis Sargenti Glauca (Blue Sargent Juniper). Hardy ereeping variety with bluish foliage.			
2 to 2½ ft.	3.50	.....	.....
Communis Depressa Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall	.....	.....	.....
18 to 24 in. spread	2.25	20.00	.....
2 to 2½ ft. spread	2.75	25.00	.....
2½ to 3 ft.	3.25	30.00	.....
3 to 3½ ft.	4.00	.....	.....
Communis Hibernica (Irish Juniper). Very narrow, symmetrical tree with glaucous green foliage.			
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	.....	.....

JUNIPERUS—Continued	Each	10	100
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-ereet branches. 18 to 24 in.	$2.00	$17.50	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground.			
18 to 24 in.	2.00	17.50	.....
2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	25.00	.....
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinet steel-blue foliage.			
2 to 2½ ft. spread	2.25	20.00	.....
2½ to 3 ft. spread	2.50	22.50	.....
3 to 3½ ft. spread	3.00	27.50	.....
Sabina Von Ehron. Semi-spreading, pieturesque drooping branches, and very dark green foliage.			
18 to 24 in.	2.00	17.50	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.50	.....	.....
Sabina Von Ehron-Upright. Staked form of above.			
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	35.00	.....
4½ to 5 ft.	6.00	.....	.....
5 to 5½ ft.	8.00	.....	.....
5½ to 6 ft.	9.00	.....	.....
Scopulorum, Colorado J. A blue green narrow eolumnar form. 3 to 3½ ft.	3.00	27.50	.....
4 to 4½ ft.	4.00	37.50	.....
Scopulorum Selected Blue, Colorado Silver J.			
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.50	.....	.....
Scopulorum Chandleri, Chandler's Silver J. A compact pyramid, bright silvery blue.			
2 to 2½ ft.	3.00	27.50	.....
2½ to 3 ft.	3.50	32.50	.....
3 to 3½ ft.	4.25	40.00	.....
3½ to 4 ft.	4.75	45.00	.....
4 to 4½ ft.	5.25	50.00	.....
4½ to 5 ft.	6.00	57.50	.....
Scopulorum Gareei, Garees J., Intermediate upright, blue green. 2 to 2½ ft.	3.00	27.50	.....
2½ to 3 ft.	3.50	32.50	.....
3 to 3½ ft.	4.00	37.50	.....
3½ to 4 ft.	4.50	.....	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.25	20.00	.....
4 to 4½ ft.	4.00	37.50	.....
6 to 7 ft.	6.00	57.50	.....
7 to 8 ft.	7.00	.....	.....
8 to 9 ft.	8.50	80.00	.....
9 to 10 ft.	10.00	.....	.....
10 to 12 ft.	11.50	.....	.....
Virginiani Burki. Of compaet pyramidal growth; dark steel blue foliage. 2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.50	32.50	.....
5 to 5½ ft.	7.00	.....	.....
5½ to 6 ft.	8.00	.....	.....
Virginiana Columnaris, Pyramidal Red Cedar.			
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	.....	.....
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted.			
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.00	47 50	.....
4½ to 5 ft.	5.75	55.00	.....

JUNIPERUS Cannarti—Continued.	Each	10	100
5 to 5½ ft.	$6.50	$62.50	.....
5½ to 6 ft.	7.00	.....	.....
6 to 6½ ft.	8.00	.....	.....
6½ to 7 ft.	9.00	.....	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	12.50	.....	.....
8 to 9 ft.	15.00	.....	.....
9 to 10 ft.	16.50	.....	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.75	45.00	.....
4½ to 5 ft.	5.75	55.00	.....
5 to 5½ ft.	6.50	62.50	.....
5½ to 6 ft.	7.00	.....	.....
6 to 6½ ft.	7.50	.....	.....
6½ to 7 ft.	8.75	.....	.....
7 to 7½ ft.	9.50	.....	.....
7½ to 8 ft.	10.50	.....	.....
8 to 9 ft.	12.50	.....	.....
9 to 10 ft.	15.00	.....	.....
10 to 12 ft.	17.50	.....	.....
12 to 14 ft.	20.00	.....	.....
Virginiana Hilli (Dundee Juniper). Of dense, conical form; foliage bluish gray green, fine plum color in fall and winter.			
3 to 3½ ft.	4.00	37.50	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.00	47.50	.....
4½ to 5 ft.	5.50	52.50	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.75	45.00	.....
4½ to 5 ft.	5.50	52.50	.....
5 to 5½ ft.	6.50	62.50	.....
5½ to 6 ft.	7.50	72.50	.....
PICEA.			
Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 18 to 24 in.	1.65	15.00	.....
2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.25	30.00	.....
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.50	42.50	.....
4½ to 5 ft.	5.25	50.00	.....
5 to 5½ ft.	6.00	.....	.....
Pungens (Colorado Green Spruce). Bluish green foliage. 2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.25	40.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 2½ to 3 ft.	4.25	40.00	.....
3 to 3½ ft.	5.00	47.50	.....
4½ to 5 ft.	8.00	77.50	.....
5 to 5½ ft.	9.00	87.50	.....
5½ to 6 ft.	10.00	.....	.....
6 to 6½ ft.	12.00	.....	.....
6½ to 7 ft.	14.00	.....	.....
Larger Sizes, Prices on Application.			
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster; Blue Spruce. 3 ft.	6.50	.....	.....
3½ ft.	7.50	.....	.....
4 ft.	9.00	.....	.....
4½ ft.	12.00	.....	.....
5 ft.	14.00	.....	.....
5½ ft.	16.50	.....	.....
6 ft.	20.00	.....	.....
6½ ft.	22.50	.....	.....
7 ft.	25.00	.....	.....
7½ ft.	27.50	.....	.....
8 ft.	30.00	.....	.....
9 ft.	40.00	.....	.....
10 ft.	45.00	.....	.....
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen, fine for rock planting and foundation work.			
12 in.	1.25	11.50	.....
15 in.	2.00	17.50	.....
18 in.	2.75	25.00	.....
2 ft.	3.50	32.50	.....
2½ ft.	4.00	37.50	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 2 to 2½ ft.	1.75	16.50	.....
2½ to 3 ft.	2.50	.....	.....
7 to 8 ft.	9.50	.....	.....
8 to 9 ft.	10.50	.....	.....
Sylvestris (Scotch Pine). 2½ to 3 ft.	1.50	12.50	.....
3 to 3½ ft.	1.75	15.00	.....
TAXUS Cuspidata (Japanese Yew). Rich dark green foliage; spreading bushy habit. Does best in shade.			
15 to 18 in.	3.25	30.00	.....
18 to 24 in.	4.00	37.50	.....
2 to 2½ ft.	5.00	47.50	.....
2½ to 3 ft.	6.50	60.00	.....
3 to 3½ ft.	8.50	.....	.....
3½ to 4 ft.	10.50	.....	.....
TAXUS Cuspidata Capitata (Upright Japanese Yew). Erect, symmetrical form of the above.			
18 to 24 in.	3.00	27.50	.....
2 ft.	3.75	35.00	.....
2½ ft.	5.00	47.50	.....
3 ft.	6.00	57.50	.....
4 ft.	12.00	.....	.....
4 ft. sheared specimens	15.00	.....	.....
4½ ft. sheared specimens	17.50	.....	.....
5 ft. sheared specimens	18.00	.....	.....
5½ ft. sheared specimens	20.00	.....	.....

JUNIPERUS Chinese Pfitzerina
(Pfitzer Juniper) Best of all Evergreens

TAXUS Cuspidata Capitata—Continued	Each	10	100
6 ft. sheared specimens	$25.00	.....	.....
6½ ft. sheared specimens	30.00	.....	.....
7 ft. sheared specimens	35.00	.....	.....
7½ ft. sheared specimens	40.00	.....	.....
TAXUS Cuspidata Nana (Dwarf Japanese Yew).			
12 to 15 in.	2.50	.....	.....
2 ft.	6.00	.....	.....
2½ ft. specimens	9.00	.....	.....
3 ft. specimens	12.00	.....	.....
Cuspidata Intermedia (Intermedia Yew). Similar to the Dwarf Japanese Yew, but a faster grower.			
2½ to 3 ft.	7.50	$72.50	.....
3 to 3½ ft.	10.00	.....	.....
Media Browni (Brown's Yew).			
2½ to 3 ft.	8.00	....	.....
Hicksi (Hick's Yew). Very compact, narrow upright.			
2 ft.	3.75	35.00	.....
2½ ft.	4.50	42.50	.....
3 ft.	5.50	52.50	.....
3½ ft.	7.00	.....	.....
THUJA Occidentalis (American Arborvitae).			
2½ to 3 ft.	1.50	12.50	.....
3 to 3½ ft.	1.75	15.00	.....
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.25	20.00	.....
4½ to 5 ft.	2.50	22.50	.....
5 to 5½ ft.	3.00	27.50	.....
5½ to 6 ft.	3.50	32.50	.....
6 to 6½ ft.	4.00	37.50	.....
6½ to 7 ft.	4.50	42.50	.....
7 to 8 ft.	5.00	47.50	.....
8 to 9 ft.	6.50	60.00	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 4 to 4½ ft.	2.75	25.00	.....
4½ to 5 ft.	3.00	27.50	.....
5 to 5½ ft.	3.50	32.50	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 12 in.	1.25	10.00	.....
15 in.	1.50	12.50	.....
18 in.	2.00	17.50	.....
2 ft.	2.25	20.00	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage.			
2½ to 3 ft.	1.65	15.00	.....
3 to 3½ ft.	2.00	17.50	.....
3½ to 4 ft.	2.25	20.00	.....
4 to 4½ ft.	2.50	22.50	.....
4½ to 5 ft.	2.75	25.00	.....
5 to 5½ ft.	3.00	27.50	.....
5½ to 6 ft.	3.50	32.50	.....
6 to 6½ ft.	3.75	35.00	.....
6½ to 7 ft.	4.25	40.00	.....
7 to 8 ft.	5.00	47.50	.....
8 to 9 ft.	7.00	65.00	.....
Occ. Rosenthal (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.00	27.50	.....
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.			
3 to 3½ ft.	2.50	22.50	.....
3½ to 4 ft.	2.75	25.00	.....
4 to 4½ ft.	3.25	30.00	.....
4½ to 5 ft.	3.75	35.00	.....

All evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

All Prices F. O. B. Our Nurseries, Western Springs, Ill., Subject to Change Without Notice.

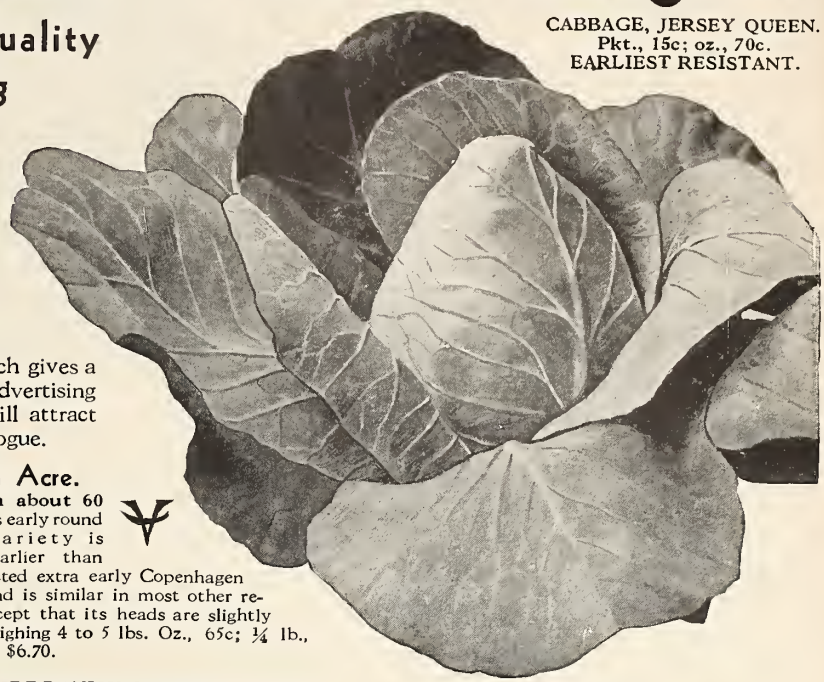
Packing Charges Additional at Cost.

Vegetable Plants With a Pedigree

Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the following pages or write for a copy of our retail catalogue, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract customers from the thousands who have received this catalogue.



CABBAGE, JERSEY QUEEN. Pkt., 15c; oz., 70c. EARLIEST RESISTANT.

BROCCOLI

Green Sprouting Calabrese. 70 days. The best strain for Market, Home Garden or freezing, suitable in north or south. 18 inches tall; branching, forming compact head of bluish green flower buds. After the main head is removed smaller heads are produced from the branches which continue to the end of the season. Pkt., 25c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

YELLOWS-RESISTANT CABBAGE

We offer the best resistant strains of cabbage seed through the cooperation of some of the best cabbage experts in the district of Racine, Wisconsin. We can not offer anything resistant to virus, as no method of breeding or treatment is known to have any effect on this disease. As a second precaution, everyone should give the hot water treatment to cabbage seed to insure freedom from black rot. Just before planting soak the seed for 30 minutes in water heated to 122° F.

Bugner. 100 days. This is the most popular of all the green types of cabbage for Market, Home Garden, Kraut and storage. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more, outer leaves deep purplish green with a tight folded leaf covering the head. Pkt., 20c; oz., $1.20; ¼ lb., $3.50; lb., $10.00.

Resistant Golden Acre (Racine Market). Matures in about 60 days. The earliest yellows-resistant cabbage yet developed. A solid, round head of excellent flavor, crisp and tender. Pkt., 20c; oz., 70c; ¼ lb., $2.35.

Jersey Queen. 60 days. Very similar to Early Jersey Wakefield, but bred for resistance to yellows. Pkt., 15c; oz., 70c; ¼ lb., $2.25; lb., $6.75.

Mammoth Rock Red. 100 days. While this is not quite as large as the Long Island Mammoth Rock Red strain, it is darker and more uniform; being yellows resistant, is safer to grow. All sections of the country are becoming infested with yellows so it is important that resistant strains be more extensively used. Pkt., 20c; oz., 85c; ¼ lb., $2.60.

Marion Market. 75 days. The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Pkt., 15c; oz., 70c; ¼ lb. $2.45.

Standard Bred Cabbages

Reselected Copenhagen Market Extra Early. Matures in about 62 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 85c; ¼ lb., $2.50; lb., $7.50.

Early Jersey Wakefield. 62 days. Very pointed, hard head, 7 inches long, 5 inches wide. Desirable for the southern trade; stands close planting, weight 3 lbs. Pkt., 10c; oz., 60c; ¼ lb., $1.75; lb., $5.25.

Golden Acre. Matures in about 60 days. This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller weighing 4 to 5 lbs. Oz., 65c; ¼ lb., $2.10; lb., $6.70.

GOLDEN ACRE DANISH GROWN. Oz., 75c; ¼ lb., $2.50; lb., $7.50.

Glory of Enkhousen. Matures in about 80 days. This globe-shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 60c; ¼ lb., $1.75; lb., $5.25.

Cauliflower

Vaughan's New Snowball. Matures in about 55 days. For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Resistant Celery

Michigan Golden (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 40c; ½ oz., $1.15; oz., $2.00; ¼ lb., $6.00.

For other varieties, see complete vegetable list on the following pages.

GOLDEN ACRE. Oz., 65c.

CELERY

Easy Blanching. 110 days. Early green variety of erect, compact growth, blanching easily; 18-22 inches tall, stalks thick, solid, excellent flavor. Pkt., 10c; oz., 60c; ¼ lb., $1.80; lb. $5.50.

White Plume. 125 days. Foliage green, tinted white, 18-20-inch stalk blanching easily to nearly white. Pkt., 10c; oz., 60c; ¼ lb., $1.80; lb., $5.50.

Golden Self Blanching Short. 90 days. 20-24 inches tall, stocky, solid, thick, stalks blanching easily. Pkt., 10c; oz., 75c; ¼ lb., $2.25; lb., $6.75.

CUCUMBER

The Vaughan. 74 days. The largest of outdoor cucumbers, it is also of first table quality. Compared to other Long White Spine varieties, it is much darker in color, more uniform in shape and size, thinner, and more prolific. It is the ideal American forcing variety, as well as an outdoor sort. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.00.

Colorado, or "A and C." 68 days. A beautifully long, slender, dark green cucumber of excellent shape and intense dark color which is maintained longer than in any other variety. Fruit is inclined to taper, especially at stem end. Seeds form late in season and are few. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.00.

Straight Eight. 60 days. A white spine which produces a high percentage of fruits perfectly straight, and 8 or more inches long. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.00.

EGG PLANT

Minnoval. 73 days. Medium size plant bearing 6-8 large fruit, 7x5 inches in shape of a blunt-ended football; dark purple, glossy, excellent for home or market garden. Pkt., 20c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

Black Beauty. 110 days. Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 60c; ¼ lb., $1.90; lb., $5.75.

KOHLRABI

Early White Vienna. 55 days. Produces bulbs above the ground of a pale greenish white color and are eaten when about 2 inches or more in size. Flavor of turnip. Pkt., 15c; oz., 65c; ¼ lb., $2.00; lb., $6.00.

Bibb Lettuce

Bibb lettuce, sometimes called Limestone, is a fast growing, loose heading variety of exceptional tenderness, which for several years has been grown in the vicinity of Louiseville, Ky., and marketed in luxury hotels of the central west.

As the market spreads, other sections will find it profitable to grow this excellcnt variety. It produces a crop two weeks earlier than Grand Rapids. It is usually sown in flats, and the plants are transplanted to the bench spaced 6 by 6 inches. When the temperatures run above 75 degrees, this variety quickly bolts. It should be grown with a night temperature about 48-52 degrees, and the day temperature not over 60 degrees on cloudy days.

Lettuce Bibb (Limestone). 57 days. This dark green, tender, brittle lettuce, which quickly makes loose heads as big as your fist, is becoming well known to chefs of luxury hotels and to high priced food shops. Some say it was once known as "Half Century," others that it was bred by Maj. John Bibb, of Kentucky, born in 1789. It is making a comeback and we can promise you a fine spring crop, but must warn that it goes to seed quickly in hot weather. Pkt., 20c; oz., 40c; ¼ lb., $1.25; lb., $3.75.

Grand Rapids. About 45 days. This home garden favorite, also extensively planted for hotbed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season.

Vaughan's Extra Selected Stock. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., $2.25.

May King. 60 days. Very early variety. The outer leaves are tinged with brown; they fold close, permitting close planting in frames —tender yellow heart Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

ONION

Valencia Sweet Spanish. Matures in about 110 days. Here is a mild, sweet, giant onion of the true Spanish type. From seed it will produce onions weighing a pound; if started in the hotbed, two pound specimens can be grown. Pkt., 20c; ¼ lb., $3.20; lb., $9.50; 5 lbs., $9.40.

Prizetaker—American Grown. 105 days. Among large onions this one is exceptional for size and beauty. Our American-grown seed has become thoroughly acclimated through many years of very careful, painstaking culture. Prizetaker is a yellow globe that matures to great size under right conditions; it requires a long season and should be started early in hotbed. Pkt., 20c; ¼ lb., $3.20.

Peppers

Vaughan's Giant Magnum Dulce. This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

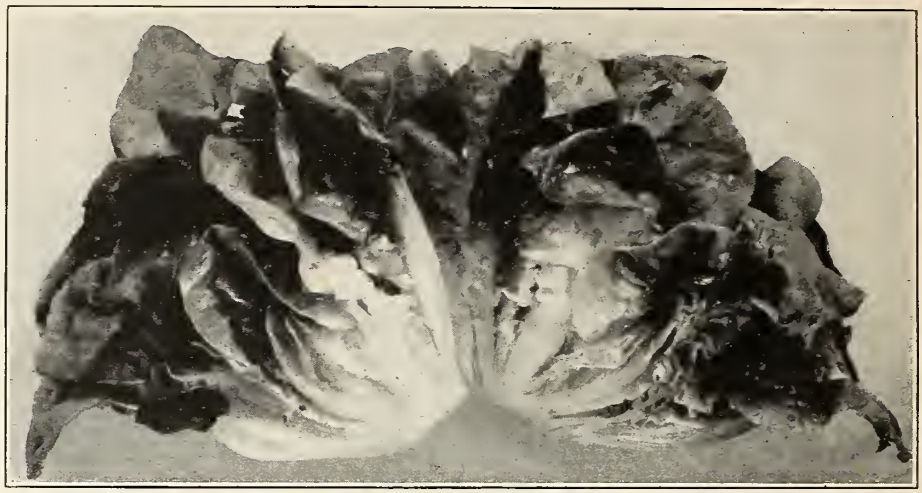
California Wonder. A mild, sweet, mid-season variety, very large, measuring 4½ inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable. ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Early California Wonder. Very similar to California Wonder. 10 days earlier, more prolific and better for northern latitudes. ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Crimson Giant. One of the earliest large red sweet peppers. In habit the plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, deep green when young and a rich red when ripe; flesh thick, sweet and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

Hungarian (Hot). In 65 days. A slender hot pepper much prized for canning. It is 1½ inches in diameter at the base and often 10 inches long. Pale green turning to red. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Bull Nose, Hot. In 70 days. A pungent pepper. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.



CROSS SECTION OF BIBB LETTUCE.

RADISH

Early Scarlet Globe Select. (F.) 20 days. Vaughan's Glasshouse Strain. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarl et in color, of uniform globe shape. It is ready for the table in 25 days.

Short Top—Pkt., 15c; ¼ lb., 35c; lb., $1.00; 100 lbs. at 90c per lb.

Scarlet Turnip White Tip. 26 days. Vaughan's Selected Stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip, and is a high-class strain for outdoor planting. It combines beautiful appearance with finest radish quality—appealing to the eye and palate.

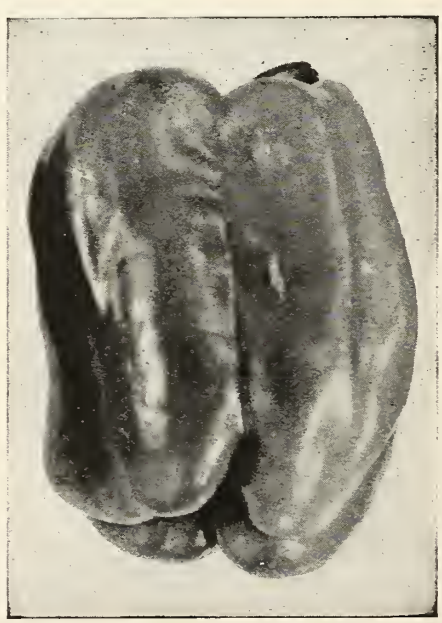
Vaughan's "Sparkler" Strain. Pkt., 10c; ¼ lb.,30c; lb., 85c; 100 lbs. at 75c per lb.

Tomatoes

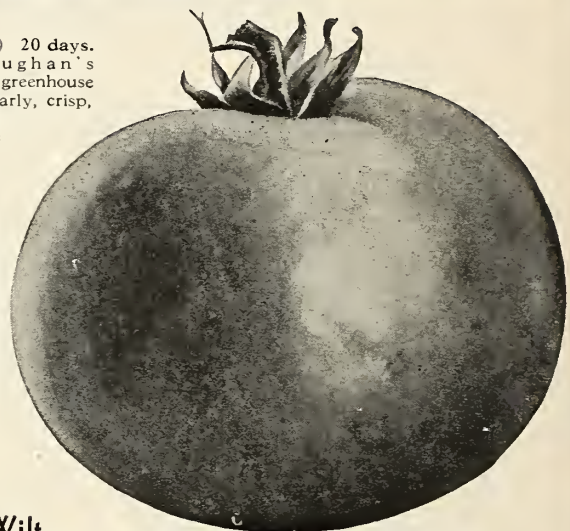
For Plants Resistant to Wilt

Pritchard. 76 days. The name of Scarlet Topper somewhat indicates its peculiarity. It is a brilliant red, very productive and has a goodly percent of resistance to wilt. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Rutgers. 86 days. An exceptionaly heavy producer of good sound heavy walled fruit, medium acid, thick flesh and good shipper. Oz., 50c; ¼ lb., $1.50; lb., $5.00.



CALIFORNIA WONDER



TOMATO—INDIANA BALTIMORE.

Greater Baltimore (Indiana Strain). In about 82 days. Similar to Stone and very productive. Fruits deep scarlet red often weighing 6 ounches; smooth and very solid. Pkt., 10c; oz., 45c; ¼ lb., $1.25.

Greater Baltimore (Indiana Strain) certified. Pkt., 10c; oz., 50c; ¼ lb., $1.50.

Marglobe. 77 days. A second-early, red-fruited variety equally suitable for trucking or canning. As early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks. They make a splendid canned product and first class pulp.

Marglobe Certified. Pkt., 15c; oz., 60c; ¼ lb., $1.60; lb., $5.50.

Standard Bred Tomatoes

Bonny Best. 73 days. A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Crimson Cushion or Beefsteak. 90 days. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; ½ oz 50c; oz., 90c; ¼ lb., $2.65.

Ponderosa—The Giant Tomato. Matures in about 88 days. Of the large fruited varieties this one is most popular. Pkt 15c; ½ oz., 50c; oz., 90c; ¼ lb., $2.65.

Oxheart. Matures in about 90 days. Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Skin pink, almost seedless; firm, sweet flesh. Pkt., 15c; oz., 85c; ¼ lb., $2.50.

Golden Ponderosa. 88 days. A yellow gem. This is a yellow Ponderosa equal in size to that magnificent variety. Oz., 85c; ¼ lb., $2.65; lb., $8.00.

Vaughan's Special Earliana. 66 days. Earliest large, smooth bright red tomato. Compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Oz., 85c; ¼ lb.,$2.65; lb., $8.50.

Vaughan's Vegetable Seeds for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 68 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

ARTICHOKE

	Oz.	4 oz.	Lb.
GREEN GLOBE	$0.70	$2.35	$7.00

ASPARAGUS SEED

	Oz.	¼ lb.	Lb.
Mary Washington	$0.15	$0.50	$1.50
Paradise	.45	1.35	4.00

ASPARAGUS ROOTS

	100	1000	5000 per 1000
Mary Washington. 1 Year Old	$2.25	$18.00	$17.00
2 Years Old	2.50	20.00	19.00

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless	$0.40	$2.80	$26.00
Early Red Valentine Stringless	.40	2.80	26.00
Stringless Green Pod	.40	3.20	30.00
Dwarf Horticultural	.40	3.20	30.00
Improved Navy	.25	1.80	16.00
Bountiful Stringless	.40	3.00	28.00
Giant Stringless Green Pod	.40	3.00	28.00
Tendergreen	.40	3.20	30.00
Great Northern	.25	1.90	17.00
Stringless Refugee	.40	3.00	28.00
Plentiful	.40	3.20	30.00
Streamliner	.40	3.20	30.00
Wonderful	.40	3.20	30.00

WAX BEANS

Davis Stringless Wax	.40	3.70	35.00
Golden Wax	.40	3.50	33.00
Pencil Pod Black Wax	.40	3.50	33.00
Round Pod Kidney Wax	.40	3.70	35.00
Wardwell's Kidney Wax	.40	3.70	35.00
Gold Standard	.40	3.70	35.00
Sure Crop Bountiful Wax	.40	3.50	33.00
Unrivalled Wax	.40	3.50	33.00
Improved New Kidney	.40	3.70	35.00

BUSH LIMA BEANS

Baby Potato	.40	3.20	30.00
Henderson U. S. No. 2	.40	3.00	28.00
Burpee's Bush Lima	.40	3.50	33.00
Fordhook Bush Lima	.40	3.50	33.00
Burpee's Improved Bush Lima	.40	3.50	33.00
Jackson Wonder	.40	3.00	28.00

POLE LIMA

Early Leviathan	.40	3.00	28.00
King of the Garden	.40	3.00	28.00
Large White Seeded	.40	3.00	28.00
Florida Butter	.40	2.50	23.00

POLE BEANS—Green Pod

Burger's Stringless	.40	3.00	28.00
Cut Short or Corn Hill	.40	3.00	28.00
Horticultural Cranberry	.40	3.00	28.00
Kentucky Wonder or Old Homestead	.40	3.00	28.00
Lazy Wife	.35	2.70	25.00
McCaslan	.35	2.70	25.00
White Creaseback	.35	2.70	25.00
Scarlet Runner	.35	3.20	30.00

Wax Pod

Early Golden Cluster Wax	.40	3.20	30.00
Kentucky Wonder Wax	.40	3.20	30.00

BEETS

	¼ lb.	Lb.	5 lbs per lb.
Perfected Detroit	$1.10	$3.25	$3.15
Crosby's ∫Vaughan's Selected Stock	1.10	3.25	3.15
Egyptian \Standard Stock	.85	3.00	2.90
Detroit Dark Red	1.00	3.00	2.90
Good For All	1.10	3.25	3.15
Crimson Globe	.85	3.00	2.90
Improved Early Egyptian	1.00	3.10	3.00
Early Wonder	.85	3.00	2.90
Edmand's Turnip, Select Stock	.95	3.00	2.90
Early Blood Turnip, Select	.95	3.00	2.90
MANGEL—Vaughan's Mammoth Long Red.	.70	2.00	1.90
Golden Tankard	.70	2.00	1.90
Giant Half Sugar Rose	.70	2.00	1.90
Barres Sludstrup. Danish Grown	.70	2.00	1.90
SUGAR BEETS—			
Klein's Wanzleben	.70	2.00	1.90

BROCCOLI

	Oz.	¼ lb.	Lb.
Italian Calabrese	0.50	1.50	5.00

BRUSSELS SPROUTS

Long Island Improved	.95	3.00	9.00

CABBAGE

YELLOWS-RESISTANT CABBAGES

Arranged According to Maturity

	Oz.	¼ lb.	Lb.
Jersey Queen	$0.70	$2.25	$ 6.75
Racine Market (Wisconsin Pride)	.70	2.35	7.50
Wisconsin All Head	.50	1.50	5.00
Marion Market	.70	2.45	7.20
Globe	.85	2.65	8.00
Wisconsin Ballhead	.55	1.65	5.75
Bugner	1.20	3.50	10.00
Wisconsin All Season	.65	2.00	6.00
Wisconsin No. 8	.65	....	.....
Wisconsin Red Resistant	.85	2.65	9.00

STANDARD VARIETIES

Early Jersey Wakefield	.60	1.75	5.25
Charleston Wakefield	.50	1.50	5.00
Copenhagen Market	.75	2.25	6.75
Copenhagen Market Extra Early Selections	.85	2.50	7.50
Golden Acre	.65	2.00	6.70
Golden Acre. Danish Grown	.75	2.50	7.50
Green Acre	.75	2.50	7.50
Early Flat Dutch	.50	1.50	5.00
Vaughan's All Seasons	.50	1.50	5.00
Glory of Enkhousen	.60	1.75	5.25
Early All Head or Faultless	.50	1.50	5.00
Vaughan's Premium (Late) Flat Dutch	.50	1.55	5.20
Chinese or Celery Cabbage Vaughan Strain	.40	1.10	3.25
Chinese or Celery Cabbage Commercial Strain	.35	1.00	3.00
Chinese Cabbage Wong Bok	.35	1.00	3.00
Danish Ballhead (Dwarf Amager)	.70	2.35	7.00
New Penn State Ballhead	.70	2.35	7.00
SAVOY CABBAGE—			
Improved American	.75	2.35	7.50
Long Island	.75	2.35	7.50
RED CABBAGE—			
Red Resistant	.85	2.60	9.00
Long Island Red	.80	3.35	8.00

These Prices Subject to Change Without Notice.

CARROT

	¼ lb.	Lb.	5 lbs. Per lb.
Danvers Half Long. Vaughan's Selected Stock	$1.00	$3.00	$2.90
Improved Chantenay	1.00	3.00	2.90
Chantenay. Red core	1.10	3.25	3.15
Imperator	1.00	3.00	2.90
Early Short Scarlet (Dutch Horn)	1.20	3.50	3.40
Guerande or Oxheart	1.00	3.00	2.90
Nantes Half Long Scarlet, Stump-rooted	1.20	3.50	3.40
Improved Long Orange	1.00	3.00	2.90

USEFUL VEGETABLES

	Oz.	¼ lb.	Lb.
Chicory, Magdeburg. Large rooted	$0.45	$1.35	$4.00
Chicory, Witloof or French Endive. Fancy	.45	1.35	4.00
Cress, Curled or Pepper Grass	...	....	....
Cress, Upland	.35	1.00	3.00
Collards	.20	.50	1.50
Cardoon	1.00	....	....

Chives. Pkt., 25c; ½ oz., 60c; oz., $1.00...

CAULIFLOWER

Vaughan's Extra Select Snowball. Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Snowdrift. Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to **Vaughan's New Snowball.** It is the result of years of careful selection by a most capable and painstaking gardener who grew the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. **Vaughan's New Snowball** is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.

Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Danish or Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow-white.

Pkt., 30c; ¼ oz., 90c; ½ oz., $1.60; oz., $3.00.

Autumn Giant. Very large and productive.

Pkt., 30c; ¼ oz., 65c; ½ oz., $1.10; oz., $2.00.

CELERY

	Oz.	¼ lb.	Lb.
Giant Pascal. Easy-blanching and a fine keeper	$0.60	$1.80	$ 5.50
Soup Celery or Smallage. Green, for soups	.35	1.00	3.00
Easy Blanching	.60	1.80	5.50
Emperor. Splendid quality, dwarf	.50	1.50	5.00
White Plume. Vaughan's Selected Stock	.60	1.80	5.50
Golden Self-Blanching. New strain, tall	1.00	3.00	9.00
Golden Self-Blanching. Short	.70	2.25	6.75
Golden Plume (Extra selected)	1.00	3.00	9.00
Golden Plume (Standard)	.80	2.50	7.50
Michigan Golden (Yellows-resistant)	2.00	6.00	18.00
Winter Queen	.65	2.25	6.75
Golden Detroit	.65	2.25	6.75
Utah Golden	.65	2.25	6.50
Salt Lake	1.65	5.00	15.00

CELERIAC

Large Smooth Prague. Earliest of all	.80	2.40	7.00

SWEET CORN

Hybrid and top crosses are starred (*).

	Lb.	10 lbs.	100 lbs
*Surprise	$0.50	$4.50	$43.00
*Our Choice	.50	4.50	43.00
*Erlibird	.50	4.50	43.00
Golden 60-Day	.35	2.80	26.00
Golden Sweet	.35	2.80	26.00
*Marcross	.50	4.50	43.00
Early Golden Bantam	.35	2.80	26.00
*Early Bancross	.50	4.50	43.00
Golden Sunshine	.35	2.80	26.00
*Sweet Cross	.50	4.50	43.00
60 Day White	.35	2.80	26.00
Mammoth White Cory	.35	2.80	26.00
Golden Bantam	.35	2.80	26.00
*Bancross	.50	4.50	43.00
*Tendergold	.50	4.50	43.00
*Whipcross	.50	4.50	43.00
Whipple's Yellow	.35	2.80	26.00
Howling Mob	.35	2.80	26.00
Bantam Evergreen	.35	2.80	26.00
*Lee	.50	4.50	43.00
*Golden Cross	.50	4.50	43.00
Early Evergreen	.35	2.90	27.00
Country Gentleman	.35	3.00	28.00
Stowell's Evergreen	.35	3.00	28.00
*Narrow Grain Hybird	.60	5.50	52.00
*Evergreen Hybrid	.60	5.50	52.00
*Stowell's Hybrid	.60	5.50	52.00
*Ioana	.50	4.50	43.00

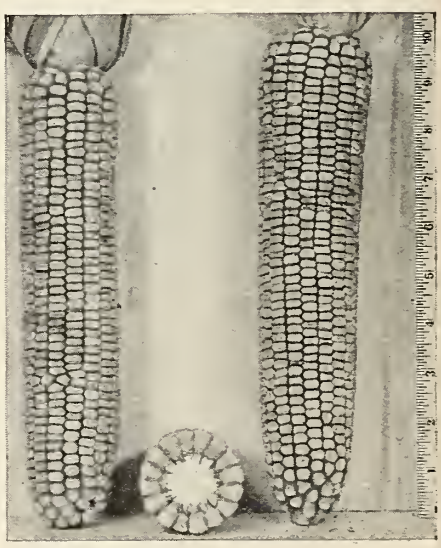
HYBRID FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan, Iowa and Indiana.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	½ Bu.	Bu.
Flat Kernels (Edge Drop)	$4.75	$8.50



CUCUMBERS

	Oz.	¼ lb.	Lb.
"A and C"	$0.35	$1.00	$3.00
Colorado	.35	1.00	3.00
Evergreen, or Extra Long White Spine	.30	.85	2.50
Davis Blend	.30	.85	2.50
Davis Perfect	.30	.85	2.50
Vaughan's Improved Arlington	.30	.85	2.50
Improved White Spine	.30	.85	2.50
Improved Long Green	.35	1.00	3.00
Earliest of All White Spine	.30	.85	2.50
Early Cluster	.30	.85	2.50
Westerfield's Chicago Pickle. One of our specialties	.30	.85	2.50
Early Russian	.30	.85	2.50
Lemon (True cucumber)	.35	1.00	3.00
National	.30	.85	2.50
Boston Pickling	.30	.85	2.50
Early Frame	.30	.85	2.50
West India Gherkin	.35	1.00	3.00
Early Fortune	.30	.85	2.50

These Prices Subject to Change Without Notice.

CUCUMBERS—Continued

	Oz.	¼ lb.	Lb.
The Vaughan. Finest of all for forcing or outdoors	$0.35	$1.00	$3.00
Chicago Special	.30	.85	2.50
Quick Grow	.30	.85	2.50
Deltus	.30	.85	2.50
Thorborn Everbearing	.30	.85	2.50
Mandarin	.35	1.00	3.00
Black Diamond	.30	.85	2.50
Straight Eight	.35	1.00	3.00

DANDELION

Thick Leaved or Cabbaging. Pkt., 10c	.45	1.35	4.00

DILL

Oz., 20c; ¼ lb., 50c; lb., $1.50.

EGG PLANT

Black Beauty	.60	1.90	5.75
Vaughan's Improved N. Y. Purple	.60	2.00	6.00
Florida High Bush	.60	2.00	6.00
Minnoval	.60	2.00	6.00

ENDIVE

Green Curled Pancalier, Rose Ribbed	.20	.60	1.80
Green Curled Summer	.20	.60	1.80
Moss, Very Fine Curled	.20	.60	1.80
Broad-leaved Batavian White Escarolle or Fla. Deep Heart	.20	.60	1.80
Ever White Curled	.20	.60	1.80
Fringed Deep Heart	.20	.60	1.80

GARLIC

Selected Bavarian, lb., 25c. Write for prices on larger lots.

HERBS

Anise	.35	1.00	3.00
Borage	.60	2.00	....
Caraway	.40	1.25	3.00
Coriander	.35	1.00	3.00
Catnip	.90	3.00	9 00
Fennel, Florence	.30	.75	....
Fennel, Sweet	.30	.85	....
Horehound	2.50	....	....
Lavender Spica	.65	....	....
Lavender (True)	....	....	....
Pennyroyal	....	....	....
Saffron	.45	1.20	....
Sage	1.00	5.75	18.00
Savory, Summer	.85	2.50	....
Sweet Basil	.65	2.00	7.00
Thyme	2.00	7.00	....

KALE OR BORECOLE

Dwarf Green Curled	....	....	....
Tall Green Scotch	....	....	....
Siberian	.40	1.40	4.00

KOHLRABI

Early White Vienna	.65	2.00	6.00
Early Purple Vienna	.65	2.00	6.00

LEEK

Broad Scotch or London Flag	.85	2.50	8.00
Large Musselburg	.85	2.50	8.00
Large Carentan	.85	2.50	8.00
Giant Early	.85	2.50	8.00

LETTUCE

Leaf Varieties

	Oz.	¼ lb.	Lb.
Black-Seeded Simpson, Vaughan's Selected Stock	$0.25	$0.65	$2.00
Grand Rapids Forcing, Vaughan's Extra Selected Stock	.30	.70	2.25
Grand Rapids (Resistant)	....	....	....
Early Curled Simpson	.25	.65	2.00

Cabbage and Head Varieties

May King. Very early	.25	.65	2.00
Big Boston, Vaughan's Selected Stock	.25	.65	2.00
California Cream Butter	.30	.75	2.25
Cosberg, sure header	.35	1.00	3.00
Iceberg	.30	.75	2.25
Imp. Hanson. Very large firm heads	.25	.65	2.00
Hansonette	.40	1.00	3.00
Bibb	.40	1.25	3.75
New York No. 12	.35	1.00	3.00
New York No. 515 (Heat resisting)	.35	1.00	3.00
New York (Imperial 847)	.45	1.20	3.50
New York (Imperial 44)	.45	1.20	3.50
Prizehead	.25	.65	2.00
Unrivalled	.25	.65	2.00
Paris White Cos	.25	.65	2.00
Express Cos	.25	.65	2.00
Trianon Cos	.25	.65	2.00

MUSKMELON

Milwaukee Market Hand Cut, Select Melons	.35	1.00	3.00
Vaughan's Improved Milwaukee	.25	.65	2.00
Extra Early Osage (Vaughan's Selected)	.25	.60	1.75
Osage Select	.25	.65	2.00
Hearts of Gold or Improved Hoodoo	.35	.85	2.50
Rocky Ford	.25	.65	2.00
Emerald Gem. One of the sweetest	.25	.65	2.00
Tip Top. A very fine market melon	.25	.65	2.00
Extra Early Hackensack. Best strain	.25	.65	2.00
Banana	.25	.65	2.00
Honey Dew	.25	.65	2.00
Mango Melon or Vegetable Orange (Vine Peach)	.25	.75	2.50
Pollock-10-25	.25	.65	2.00
Bender's Surprise	.25	.65	2.00
Honey Rock	.25	.65	2.00
Hale's Best	.25	.65	2.00
Wisconsin Pride	.30	.75	2.25
Golden Osage	.25	.60	1.65
Golden Marvel	.25	.60	1.65

MARTYNIA

—For Pickles	.65	2.00	6.00

The young seed pods make fancy pickles.

WATERMELON

Citron	.15	.45	1.25
Florida Favorite	.15	.35	1.00
Early Fordhook	....	....	.....
Florida Giant	.15	.45	1.25
Halbert Honey	.15	.35	1.00
Rattlesnake	.15	.35	1.00
Harris Earliest	.15	.35	1.00
Kleckley's Sweet	.15	.35	1.00
Sweetheart	.15	.35	1.00
Klondyke, Striped	.20	.50	1.50
Winter	.20	.50	1.50
Tom Watson	.15	.45	1.25
Cole's Early	.15	.35	1.00
Irish Grey	.15	.35	1.00
Ovid	.15	.45	1.25
Stone Mountain	.15	.45	1.25
Pride of Muscatine (Resistant, Kleckley No. 6)	.15	.40	1.10
Dixie Queen	.20	.50	1.40
Cuban Queen	.15	.45	1.25
Stone Mountain (Resistant)	.20	.50	1.50
Red Russian	.15	.35	1.00

MUSTARD

	Oz.	¼ lb.	Lb.
White London	$0.20	$4.50	$1.50
Giant Southern Curled	.25	.60	1.75
Chinese Smooth Leaved	.25	.60	1.75
Fordhook Fancy	.25	.60	1.75
Florida Broad Leaved	.25	.60	1.75
Tendergreen	.20	.50	1.50

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

No. 9. White (Alaska) Mammoth Strain.
(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	$1.50	$2.50	$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. $7.50 per doz.
Write for circular.

OKRA

Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth.	Oz.	¼ lb.	Lb.
Prices of all of the above	$0.10	$0.25	$0.75

ONION

	¼ lb.	Lb.	5 lbs. per lb.
Large Red Wethersfield	$1.50	$5.00	$4.90
Southport Red Globe	1.85	5.50	5.40
Southport Yellow Globe, Eastern-grown	2.00	6.00	5.90
Ideal Southport White Globe	3.20	9.50	9.40
Riverside	Oz., $1.00	3 20	9.50	9.40
Ohio Yellow Globe	2.00	6.00	5.90
Bermuda Crystal White Wax	2.00	6.00	5.90
White Portugal	2.60	7.65	7.50
Yellow Globe Danvers	2.00	6.00	5.90
Golden Globe	1.55	5.25	5.15
Vaughan's Special Yellow Globe (Early Mountain Danvers)	2.00	6.00	5.90
Ebenezer Yellow	1.50	5.00	4.90
White Ebenezer	2.60	8.00	7.90
Yellow Globe Brigham	2.00	6.00	5.90
Valencia (Sweet Spanish)	3.20	9.50	9.40

PARSLEY

	Oz	¼ lb.	Lb.
Vaughan's Champion Moss Curled	$0.20	$0.50	$1.50
Double Curled	.15	.45	1.25
Plain	.15	.45	1.25
Hamburg (Standard) (Rooted)	.15	.45	1.25
Vaughan's XXX	.20	.50	1.50

PARSNIP

Long Smooth, Hollow Crown	.20	.50	1.50
Improved Guernsey	.20	.50	1.50
Ideal (All-America)	.20	.50	1.50
White Queen	20	.50	1.50

PEAS

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant)	$0.25	$1.70	$15.00
Alderman	.25	2.20	20.00
American Wonder	.25	2.10	19.00
Ameer	.25	2.10	19.00
Dwarf Defiance	.25	2.20	20.00
Dwarf Gray Sugar	.30	2.40	22.00
Dwarf Telephone or Daisy (extra choice)	.25	2.20	20.00
Early Gilbo (Resistant)	.30	2.40	22.00
Extra Early Prem. Gem or Little Gem	.25	2.10	19.00
Everbearing	.25	2.10	19.00
Improved Gradus or World's Record	.25	2.30	21.00
Laxtonian	.30	2.50	23.00
Laxton's Progress	.30	2.50	23.00

PEAS—Continued

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Little Marvel	$0.25	$2.20	$20.00
Nott's Excelsior. One of the best earlies	.25	2.10	19.00
Improved Stratagem	.25	2.20	20.00
Sutton's Excelsior	.25	2.10	19.00
Telephone. Vaughan's Improved	.25	2.20	20.00
Thomas Laxton	.25	2.20	20.00
Century of Progress	.25	2.10	20.00
Giant Stride (Wilt-resistant)	.30	2.50	23.00

PEPPER

	½ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest	$0.35	$0.65	$2.00
Vaughan's Sweet Mountain	.30	.50	1.50
Bullnose (Hot)	.30	.50	1.50
King of the North	.35	.60	1.85
Large Bell (Sweet)	.30	.50	1.50
Cayenne, Long red	.30	.50	1.50
Chinese Giant	.35	.65	2.00
Crimson Giant	.30	.50	1.50
Red Chili	.30	.50	1.50
Ruby King	.30	.50	1.50
Perfection Pimiento	.30	.50	1.50
Sunnybrook, Tomato Shaped	.35	.65	1.75
Tabasco	.35	.65	1.75
Hungarian Hot	.35	.65	2.00
Hungarian Sweet	.35	.65	2.00
Harris Giant	.30	.50	1.50
Worldbeater	.35	.65	2.25
California Wonder	.35	.65	2.00
Early California Wonder	.40	.75	2.25
Oshkosh	.40	.75	2.25
Windsor "A"	.35	.65	2.25
Oak View Wonder	.40	.75	2.25

PUMPKIN

	Oz.	¼ lb.	Lb.
Winter Queen or Winter Luxury	$0.20	$0.50	$1.50
Vaughan's Mammoth Prize	.20	.50	1.50
Colonial Pie	.15	.45	1.25
Kentucky Field	.15	.40	1.15
Large Cheese	.15	.40	1.15
Large Connecticut Field or Big Tom	.15	.40	1.15
Cushaw, White	.15	.45	1.25
Cushaw, Striped	.15	.45	1 25
Cushaw, Golden	.15	.45	1.25
Vaughan's Small Sugar Pie	.15	.40	1.15

RADISH

	¼ lb.	Lb.	100 lbs. per lb.
Cincinnati Market. Long scarlet	$0.35	$1.00	$0.90
Crimson Giant Forcing	.35	1.00	.90
Improved Early Scarlet Globe, Vaughan's Select Forcing (Short top)	.35	1.00	.90
Early Scarlet Globe (Medium top)	.30	.85	.75
Early Deep Scarlet Turnip	.35	1.00	.90
Early Scarlet Globe. White tip	.30	.85	.75
Saxa. Earliest round red	.35	1.00	.90
Early Long Scarlet Short Top	.35	1.00	.90
White Stuttgart	.30	.85	.75
Improved French Breakfast	.35	1.00	.90
Vaughan's Giant Butter Radish	.35	1.00	.90
Brightest Long Scarlet (Cardinal)	.35	1.00	....
White Strassburg	.35	1.00	....
Long White Vienna	.35	1.00	.90
Scarlet Turnip, White Tip (Sparkler)	.30	.85	.75
Scarlet Turnip, White Tip (American)	.30	.85	.75
White Icicle. The earliest long white	.30	.85	.75

Winter Varieties

Chinese Mammoth or Celestial	.35	1.00	....
California Mammoth White	.35	1.00	....
Long Black Spanish	.35	1.00	....
Rose or Scarlet China Winter	.35	1.00	....
Round Black Spanish	.35	1.00	....

These Prices Subject to Change Without Notice.

RHUBARB

	Oz.	¼ lb.	Lb.
Flare	$0.35	$1.00	$3.00
Vaughan's Mammoth	.25	.65	2.00
Victoria	.25	.65	2.00

ROOTS

	Ea.	10	100	1000
Canadian Red—divisions	$0.75	$7.00	.....	.....
McDonald Red—divisions	.50	4.50	$40.00	.....
Victoria, 1 year, ⅝-1 in.	....	.80	4.00	$35.00
2 year, 1-½ in.	....	1.50	7.50	.....

HORSERADISH

Per 100, $1.75; per 1,000, $15.00; 5,000, per 1,000, $14.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island	$0.50	$1.50	$5.00

SORREL

French	.50	1.50	5.00

SPINACH

	Lb.	10 lbs. per lb.	100 lbs. per lb.
Bloomsdale Dark Green	$0.75	$0.65	$0.60
New Long Standing Bloomsdale	.75	.65	.60
Bloomsdale or Norfolk. Savoy-leaved	.75	.65	.60
Prickly Seeded Hollandia	.85	.75	.70
Princess Juliana. Long standing	.85	.75	.70
Old Dominion	.75	.65	.60
Virginia, Blight-Resistant	.75	.65	.60
Tetragonia or New Zealand	Oz., 35c.	3.00	....	....
Antvorskov (King of Denmark)	.90	.80	.75
Viking	.85	.75	.70

SWISS CHARD

	Oz.	¼ lb.	Lb.
Lucullus	$0.25	$0.65	$2.00
Dark Smooth. Broad white rib	.25	.65	2.00
Giant Fordhook	.25	.65	2.00

SQUASH

Banana	.20	.50	1.50
Blue Hubbard	.25	.65	1.75
Boston Marrow	.15	.35	1.00
Buttercup	.20	.50	1.50
Chicago Warted Hubbard	.25	.65	1.75
Cocozelle	.20	.45	1.40
Delicious	.20	.50	1.50
Table Queen, "Des Moines," Acorn	.20	.50	1.50
Improved Table Queen	.25	.65	2.00
Early White Bush	.15	.35	1.00
Vaughan's Giant Summer Crookneck, Yellow	.20	.45	1.25
Golden Hubbard	.25	.65	2.00
Original Hubbard. Extra select	.25	.65	1.75
Prolific Straightneck	.20	.50	1.50
Kitchenette Small Hubbard	.25	.65	1.75
Mammoth White Bush. Extra select	.15	.45	1.25
Mammoth Chili	.25	.65	1.75
Sweet Potato	.35	.85	2.75
Vegetable Marrow	.25	.65	1.75
Yellow Summer Crookneck	.20	.45	1.25
Zucca de Pergola. Italian sort	.35	.85	2.50
Italian Marrow Zucchini. Black	.25	.65	1.75
Italian Marrow Zucchini. Gray	.25	.65	1.75

TOMATO

Avon Early. A first early red	.50	1.50	5.00
Beauty. Midseason pink	.65	2.00	6.00
Bison	.60	2.00	6.00
Bonny Best. Second red, called by market gardeners "yellow"	.50	1.50	5.00
Chalk's Early Jewel. An early red	.50	1.50	5.00
Crimson Cushion or Beefsteak. Medium late, red, very large	.90	2.65	7.50
Dwarf Champion. Medium late pink	.60	2.00	6.00
Dwarf Stone. Mid-season red	.60	1.85	5.50

TOMATO—Continued

	Oz.	¼ lb.	Lb.
Earliana. Earliest red	$0.85	$2.65	$8.50
Early Detroit. Early, pink	.60	2.00	6.00
Golden Queen. Mid-season yellow	.60	2.00	6.00
Greater Baltimore. Medium early red	.45	1.25	4.25
Greater Baltimore, (Indiana strain) certified	.50	1.50	5.00
Ground Cherry	.50	1.50	5.00
Gulf State. Mid-season pink	.45	1.35	4.00
John Baer. A first early red	.50	1.50	4.50
June Pink. Second-early pink	.50	1.50	5.00
Livingston's Globe. Mid-season pink	.60	2.00	6.00
Nystate	...	....	....
Oxheart. Pink	.85	2.50	8.00
Ponderosa. One of largest mid-season pink.	.90	2.65	8.00
Red Cherry	.50	1.50	....
Red Currant	.50	1.50	5.00
Red Pear	.50	1.50	5.00
Red Peach	.50	1.50	5.00
Red Plum	.50	1.50	5.00
Rutgers. Red	.50	1.50	5.00
Rutgers, Certified	.60	1.60	5.50
Stokesdale	.50	1.50	4.50
Yellow Pear	.50	1.50	5.00
Yellow Peach	.50	1.50	5.00
Yellow Plum	.50	1.50	5.00
Stone, Improved. Medium early red	.40	1.25	3.50
Italian Canner	1.00	3.00	9.00

Resistant Varieties

Break O'Day. Red	.60	1.65	5.50
Illinois Baltimore	.50	1.50	5.00
Marglobe. Red	.50	1.50	4.50
Marglobe, Certified	.60	1.60	5.50
Norton. Red	.50	1.50	5.00
Pritchard. Red	.50	1.50	5.00
Pritchard, Certified	.60	2.00	6.00

Forcing Sorts

	Pkt.	Oz.	Lb.
Best of All. Red	$0.25	$0.75	....
Bonny Best. Red	.25	.75	....
Livingston's Globe. Pink	.25	3.00	....
Grand Rapids. Red	.25	2.50	....
*Marhio. Pink	.25	2.50	....
*Marglobe. Red	.25	2.50	....
*Michigan State. Red	.25	2.50	....
*Sureset. Pink	.25	2.50	....
*Globelle. Pink	.50	3.50	....

*Resistant.

TURNIP

	Oz.	¼ lb.	Lb.
Early White Milan. Earliest of all	$0.20	$0.50	$1.50
Early Extra Purple Top Milan	.20	.50	1.50
Purple Top Strap Leaf	.15	.45	1.25
White Egg	.15	.45	1.25
Purple Top White Globe	.15	.45	1.25
Large Yellow or Amber Globe	.15	.45	1.25
Golden Ball or Orange Jelly	.15	.45	1.25
Cowhorn or Long White	.15	.45	1.25
Early Snowball	.15	.45	1.25
Seven Top	.15	.30	.90
Shogoin or Foliage Turnip	.20	.50	1.50

RUTABAGA OR SWEDE

Vaughan's American Purple Top Improved	.20	.50	1 50
Canadian Neckless	.20	.50	1 50

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, $1.00. Box of 20 spools at 95c spool.

Pot Tie Ribbon. A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width ¾ inch. Per bolt, 70c; 10 bolts for $6.50.

White Shower Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 95c; 10 spools for $8.50.

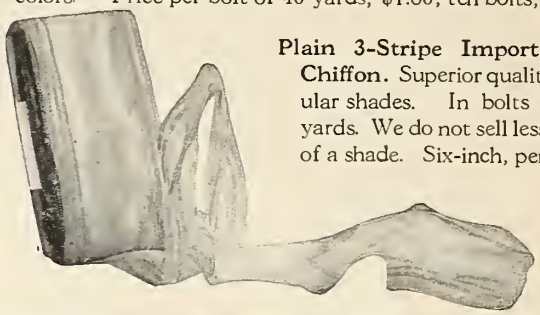
No. 1 Baby Ribbon. Any color. Spool of 50 yards, 80c; doz., $9.00.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, $1.10; doz. spools, $12.00.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.50.

Corsage Ties (Cord and Tassels). Per doz., 85c; per gross, $8.40.

Metaline. This ribbon has a bright metallic lustre with striped edges, width 5½ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, $1.60; ten bolts, $15.00.



Plain 3-Stripe Imported French Chiffon. Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Six-inch, per yard, 8c.

Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt $1.50; 10 bolts for $14.50.

Rubberized Shoulder Shields. Per doz., 85c; gross, $9.00.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., $1.50; per gross, $15.00.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., $1.75; per gross, $18.00.

CAMCOX CREMEGLOVE

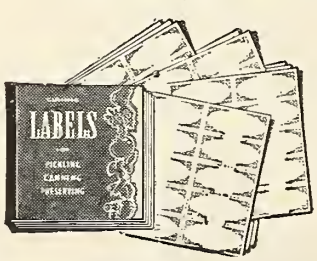
Protects hands from oils, paints, grease, grime, and dirt—a protection for your hands in the garden, housework, etc., gives you the freedom of bare hands with the protection gloves afford. Price, 8 oz. jar, **35c**; dozen, **$2.80**; 16 oz. jar, **60c**; dozen, **$4.80.**

FILM GLOVE. The new amazing lotion, greaseless, non-alcoholic, to protect your hands in the garden; for housework, factory, garage, etc. Apply liberally on hands and nails, allow to dry for an invisible stain; washes off with soap and water. Price, 3 oz. bottle, 40c; doz. $3.20; 8 oz., 80c; doz., $6.40; 16 oz., $1.40.

CANNING LABELS

No. 72—General. Size 5 in. x 5 in. Printed green cover with red lettering. Contains ready printed labels, 10 each of 20 popular home-canned fruits and vegetables and 20 blanks, fancy border labels, total 220 labels, size 2 5/16 in. x 1 in. Printed in red on white gummed paper, perforations between labels. A place for date of canning provided on each label. Book of 220 labels. Price, dozen books for 80c; 6 dozen for $4.50.

No. 73—Cosmopolitan. Size 5 in. x 5 in. Printed red cover with green lettering contains 220 blank, fancy border decorative labels with ample writing space for those who wish to make up their own canning labels. Designed to give a uniform appearance to canning shelves. Label size 2 5/16 in. x 1 in. Printed on red on white gummed paper, perforations between labels. Packed 3 doz. to box. Weight 3¾ lbs. Book of 220 labels Price, dozen, 80c; 6 dozen for $4.50.



DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. Packaged in handsome glass containers. 3 oz. size, 50c; display carton of 12, $3.60; 3 oz. size complete with sprayer, 60c; display carton of 12, $4.32; 8 oz. size, complete with sprayer, $1.00; display carton of 12, $7.20.

ANT-"X" JELLY BAIT. Tubes, garden size, 35c; display carton of 12 tubes, $2.52.

ANT-"X" TRAPS. Death box. 300 grain size for grease and sweet eating type ants, each 25c; display carton of 12 traps, $1.80.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size 60 Nots, $1.00; display carton of 12 pkgs., $7.20.

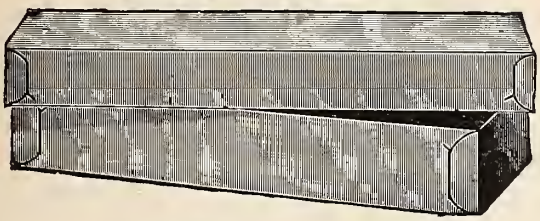
MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size 60 Nots, $1.00; display carton of 12 pkgs., $7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., $2.52; estate size contents, 50 Nots, $1.00; doz., $7.80; jumbo size, contents 125 Nots, $2.00; doz., $14.40; gardener size, contents 400 Nots, $5.00; doz., $36.00.

5% discount on orders of six display cartons of the above.

Supplies for the Florist Shop

CUT FLOWER BOXES



CUT FLOWER BOXES—WHITE

Full Telescope patent coated.

24x5x3½.....$7.90 per 100
30x5x3½..... 8.20 per 100
28x8x5.....12.95 per 100

WHITE CORSAGE BOXES

12x5x4.....$6.85 per 100

Owing to the uncertainty of the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

FLORALIFE

Helps flowers live longer. In handy display cartons. **Price, 25 10c pkts., $1.25; carton of 100 pkgs., $5.00; your selling price, 10c per pkg.; thirty quart size retails at $1.00 each. Price six cans for $3.60. 100 qt. size, retails for $3.00; 6 for $10.50.**

250 quart drum $ 4.00 — 500 quart drum $ 7.50
1000 quart drum 13.50 — 2000 quart drum 25.00

FOIL SHEEN FLOWER POT WRAP

The new economical and attractive covering for pot plants. Can be had in green, gold, red, fuchsia, orchid, purple, blue and silver shades. Put up in rolls 20-inches wide, 50 ft. long. Price per roll, $1.45; 5 rolls for $7.00; 10 rolls for $13.50.

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream. (480 sheets), $1.50; 10 reams (4,800 sheets), $13.75; F. O. B. New York, ream (480 sheets), $1.75; 10 reams (4,800 sheets), $14.50.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, $2.25; F. O. B. New York, 480 sheets, $2.65.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, $2.35; F. O. B. New York, 480 sheets, $2.75.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, $2.35; 3 boxes for $6.75.

Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 30c.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 8½c.

PAPER CUTTERS. 24, 30 and 36-in. Price, complete, $4.25.

Floraphane. ¾ inch rolls, colors green, white. Price per roll, 35c; doz. rolls, $4.00. 1½ inch roll, 70c; doz., $8.00.

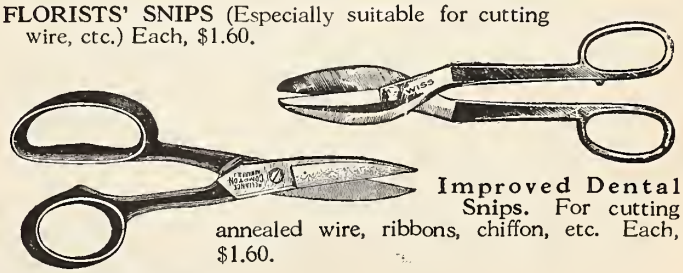
TWINE **"The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, $3.75. Write for prices on larger quantities.

Florists' Thread, Green. Best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.20.

Green Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, $1.10; 5 boxes at $1.05 per box.

Green Twine. 2 lbs., per cone, $2.00; 3 cones for $5.75.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $1.60.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $1.60.

UNWIRED PICKS.

4-inch Green.....Box of 4,000 $2.00
6-inch Green.....Box of 3,000 2.00

Wreath and Bouquet Materials

GYPSOPHELIA (Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 95c; 10 bunches for $9.00.

COLORED GYPSOPHELIA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, $1.25; 6 bunches for $7.20

GYSOPHILA

OAK SPRAY

OAK LEAVES. Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, $1.65; 6 cartons, $1.50 each.

IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 70c.
Natural (Yellow), bunch, 70c.
Write for prices on larger quantities.

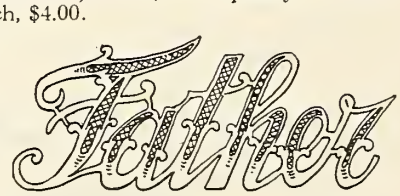
LYCOPODIUM. Prepared. 10 lbs. to carton, $2.85; 25-lb. carton, $6.95.

STATICE NATURAL WHITE. Used extensively in Wreaths and Baskets. Natural per lb., 95c; 10 lbs. for $9.00.

STATICE

GRASS RUG or MATS (RAFFIA) Green, finest quality. 72 inches long, 36 inches wide. Each, $4.00.

Letters and Figures



BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, $1.95; per 1,000 words, $16.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, $2.25.

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. **NET** Prices.

Spray Bars
3½ ins. wide, 2 ins. thick

Length	Each	Length	Each
8 ins...	$0.15	20 ins...	$0.27
12 ins...	.17	22 ins...	.30
14 ins...	.19	24 ins...	.32
16 ins...	.21	30 ins...	.36
18 ins...	.25		

Spray Bars
4½ ins. wide, 2½ ins. thick

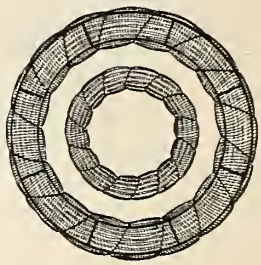
Length	Each	Length	Each
18 ins...	$0.36	36 ins...	$0.62
24 ins...	.44	42 ins...	.69
30 ins...	.53	48 ins...	.75

Spray Bars
6 ins. wide, 2½ ins. thick

Length	Each	Length	Each
53 ins...	$0.43	42 ins...	$0.80
59 ins...	.48	48 ins...	1.05
67 ins...	.54		

Crosses

Size	Each	Size	Each
18-in....	$0.46	30-in....	$0.85
20-in....	.51	33-in....	.96
22-in....	.57	36-in....	1.40
24-in....	.64	42-in....	2.00
27-in....	.72	48-in....	2.35



Wreaths

Size	Each	Size	Each
10-in....	$0.23	24-in....	$0.60
12-in....	.26	27-in....	.75
14-in....	.31	30-in....	1.05
16-in....	.36	33-in....	...
18-in....	.42	36-in....	...
20-in....	.48	42-in....	...
22-in....	.54	48-in....	...

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.

CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at.....	$1.25	1000 assorted at.....	$3.50
500 " "	2.00	2000 " "	6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for $1.50.

RUBBER APRONS

WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.
36 inch.....	40c
42 inch.....	45c
48 inch.....	55c
54 inch.....	60c
60 inch.....	65c
66 inch.....	70c

RUBBER APRONS. Lightweight. Each, $2.95

TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., $3.00, packed 24 to a carton at $5.80 per carton. Retail at 40c each.

We can also supply the larger heads. "Buddy" with seed at doz., $3.85; per carton of 24, $7.20. Retail at 50c.

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

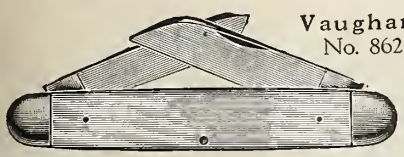
No. 5A	Each	3 for
Budding, No. 5A. Black handle; brass lined	$2.25	$6.50
Budding, Beech Wood Handle. Per doz., $4.50	.45	1.25

No. 801	Each	3 for
Budding, Aluminum Handle (Imported), No. 801	$2.25	$5.50

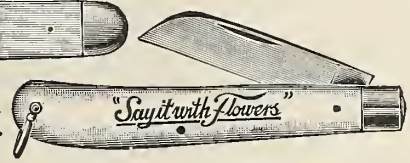
Propagating, No. 1011. Aluminum handle (imported). Each, $2.25; 3 for $5.50.

Vaughan's Florist (Patterned after Henckel's which cannot be had.)

	Each
Vaughan's Florist—3 for $3.75	$1.35
Putty Knife—No. 120, a very good tool; 3 for $1.25	Each, .50
Pruning, Stag handle	Each, 2.25
Schrades Heavy Perfect Pruning Knives No. 123EW, similar to Henckel No. 3C	Each, $2.50

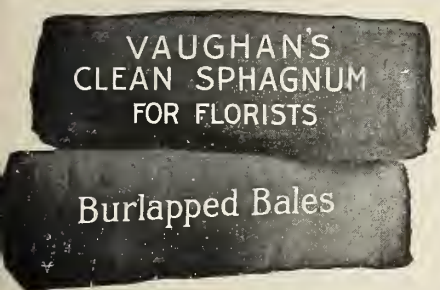


Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, $1.35; doz., $14.40.



White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $1.35; 3, $3.75.

SPHAGNUM AND SHEET MOSS



SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district We quote L. C. L lots as follows:

Bales. (45x14x16 inches). **F. O. B. Wisconsin Points. For carloads, write us.**

Prices Subject to Change Without Notice.	F. O. B. Chicago	F. O. B Woods
1 to 5 bales	Each, $2.50	
6 to 10 bales	" 2.45	Each, $2.25
11 to 24 bales	" 2.40	" 2.15

New York Prices 35c per bale higher. Cartage Free.

Sheet Moss green. Extra fancy large sacks for Windows, Baskets, etc. Per sack, $1.60; 5 sacks, $7.75.

Order Early, as the Above Prices are Expected to Advance

Orchid Peat. Put up in bags containing approximately 2 bushels each, $2.10; 5 bags for $10.00.

See page 92 for granulated Horticultural Peat Moss.

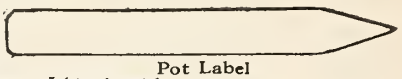
Labels for Plants Pots and Gardens

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inches. Price per 100, $1.50.

COPPER LABELS. Wired, indestructible. Per 100, $1.50; larger size, per 100, $2.15.

EVERLASTING ZOREX LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all Price per 100, 60c; 500 for $2.25.

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide.

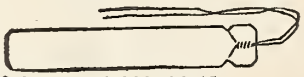


Pot Label

When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$1.75	$2.10
5-inch	1000	1.95	2.35
6-inch	1000	2.15	2.65
8-inch	500	2.90	3.85
10-inch	500	3.95	4.85
12-inch	500	4.95	5.85
GARDEN STAKES			
8-inch— ⅞ inch wide	250	4.85	5.85
10-inch— ⅞ inch wide	250	5.85	6.85
12-inch—1⅛ inch wide	1000	7.75	9.75

LABELS (Tree). Wooden, 3½ in., wired. Per 1000, plain, $2.00; 5,000 to 9,000, per 1,000, $1.95; painted, per 1,000, $2.50; 5,000 to 9,000, per 1,000, $2.45.



WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

GARDEN CHIEF MARKERS. Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, put up in display carton of 12 markers, price 50c; per doz. pkgs., $3.80.

GARDEN CHIEF TREE OR SHRUB MARKER. 4-inch copper wired. Per 100, for $1.75; 500, for $8.00.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

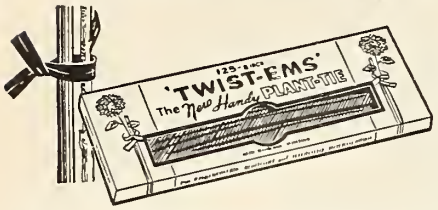
	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No 1	$0.85	$0.80	No 5	$0.65	$0.60
No 2	.80	.75	No 6	.60	.55
No 3	.75	.70	No 7	.60	.55
No 4	.70	.65	⅜-inch Flat	.75	.70

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5-lb. lots, per lb., 72c; 10-lb. lots, per lb., 70c; 25-lb. lots, per lb., 68c; 100 lbs., per lb., 66c. Bale lots (about 225 lbs.), per 100 lbs., $64.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

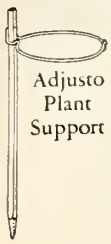
Above prices subject to change without notice.

Plant Supports



TWIST-EMS

New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. For tomato plants and other vegetable crops. Only made in two utility sizes, 7" and 16", put up 250 to a bundle. 7", per 1000, $1.25; 16", per 1000, $2.25.



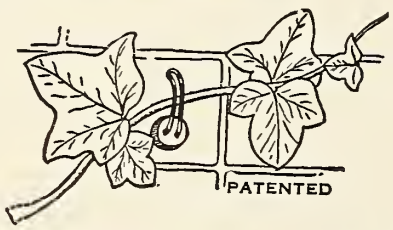
Adjusto Plant Support

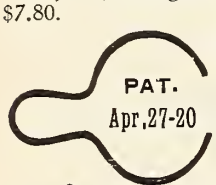
ADJUSTO PLANT SUPPORT

Has a unique self-locking adjustable feature causing the hoop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake ⅞ inch square will stand firmly in the ground. The hoop is of 8 gauge galvanized wire, 13 inches in diameter, and may be opened up to put around large plants. 3 ft., doz., $2.50; 4 ft., doz., $2.90; 5 ft., doz., $3.20; extra wire hoops, doz., $1.35.

WAYWARD VINE GUIDE AND SUPPORT

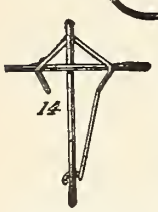
For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc. on Brick, Stucco, Stone and Cement Walls without Defacing. No Nails—No Holes. Price, box of 25, including cement, 80c; 12 pkgs. for $7.80.





PLANT TIES Lighting Wire. Per box of 1,000, $2.00; 5 or more boxes, $1.95 per box. Shipping weight per box, 2 lbs.

LIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.00 per 1,000. 5,000 for $9.50. Samples mailed free.



STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.30; 10 boxes or more, $1.20 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 55c.

UTILITY VICTORY GARDEN STAKE

A sturdy hard wood stake 3 ft. long, over 1" diameter with pointed end. Has 2 holes to support rows of white ordinary clothes line or wire over ¼" diameter. Handy for circling trees and ornamental shrubs to repel dogs and prevent trespassing. Painted green to harmonize with lawn and garden. Can be used as a plant stake and can also be used on newly seeded lawns and flower beds. Pkg. of 4, retails at 45c; 12 pkgs. for $3.60.

JUMBO SIX FT.—3 TIE DAHLIA STAKE

For Dahlias, Gladiolas, Young Fruit Trees, Vines, Pole Beans, Giant Peas, and a score of other needs. Purposely made for any Garden purpose. Made of rugged hardwood with 3 (¼") holes to regulate respective heights of tall growing flowers, vegetables, plants and vines. Retails at $2.50; per doz., $2.00; 6 doz., for $10.00.

Plant Stakes—A Full Line

Wood Stakes, Green Painted

Medium weight pointed.

3 ft., per 100, $5.50; 4 ft., per 100, $8.50; 5 ft., per 100, $10.95.

Wood Stakes, Green Painted, Heavy Grade

4 ft., per 100, $10.95; 5 ft., per 100, $12.95; 6 ft., per 100, $15.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	F. O. B. Chicago Per 1000	Per Bale of 2000	F. O. B. New York Per 100	F. O. B. New York Per 1000
1½ feet	$0.85	$4.65	$ 8 90	$0.75	$4.75
2 feet	1.10	5.90	10.50	1.00	6 20
2½ feet	1.25	7.85	15.00	1.10	8 25
Natural. 6 ft.	2.25	16.50	.....	.....	17 00
3 feet	1.50	8.75	17.00	1.30	9 00
3½ feet	2.00	9.45	18.20	1.75	10.00
4 feet	2.25	10.75	20.50	2.00	11.25

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$7.75	$7.50
4 ft.	⅝ to ¾ inch	8 25	8 00
5 ft.	⅝ to ¾ inch	9.00	8.50
6 ft.	⅝ to ¾ inch	10.00	9 50
8 ft.	⅝ to ¾ inch	11.50	11.00

Galvanized Wire Stakes Made of No. 8 Wire

	Per 100	Per 500	Per 1000
4 ft.	$2.75	$12.25	$22.00
5 ft.	3.50	15.50	25.75
6 ft.	4.20	16.75	29.95

We may be in position to furnish smaller sizes about March 1st.

Protective Materials

GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, $6.50; three cartons for $18.75.

Write us for prices on Hotbed Heating Cable and Thermostats.

SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for $2.15; 10 rolls for $4.00; 25 to 49 rolls at 37c roll.

U-MIX-IT

Pulverized Asphalt—A new, low-cost, water-proof compound. Has a multitude of uses. No waste; you mix it as you need it. Can be used for tree surgery, roofing, cellar windows and walls, cracks in concrete in fish pools; a handy material for sealing cracks in tanks, dams, silos, etc. You can make your own water-proof plastic putty with U-Mix-It. One gallon costs about 25c and will putty 300 lineal feet of glass ¼" x ¼". Packaged in 1-lb. boxes at 25c; 5 lbs. for 75c; 15 lbs. for $1,50; and 100 lbs. for $8.00.

Hotbed Supplies, Flats and Pots

SASH, Hotbed. Made of Cypress or Redwood; sap free. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, $3.35; 3 for $9.90; doz., $37.80. Glazed, double strength, each, $5.95.

Our sashes are made of clear air-dryed cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

40c crating charge when less than four glazed sashes are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.

VITAPANE GLASS SUBSTITUTE. Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, $9.25; 5 roll lots at $7.40 per roll; when purchased for re-sale, in 5-roll lots, $6.20 per roll.

CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, $8.35; 100-ft. roll, $30.50. 28 inches wide, 100-ft. roll, $24.25.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. **36** inches wide; put up in **25, 50 and 100-yd. rolls.** Per yd., 27½c.

HOTBED MATS

For protecting Hotbeds, made of poplin material, vat dyed and Sanforized to make them damp proof, 40x76" price each $4.50, dozen $45.00; 76x76" price each $6.50, dozen $66.00.

SEED FLATS

Made from clean cypress, knocked down, **put up in bundles** of ten flats each.

	Inside Dimensions	Per Bundle of 10
No. 2	22⅜ x 15 x 2¾ inches	$2.60
No. 1	20 x 14 x 2¾ inches	2.30
No. 2-A	22⅜ x 15 x 3¾ inches	2.75
No. 1-A	20 x 14 x 3¾ inches	2.60

DE LUXE SEED STARTER AND POT COMBINATION

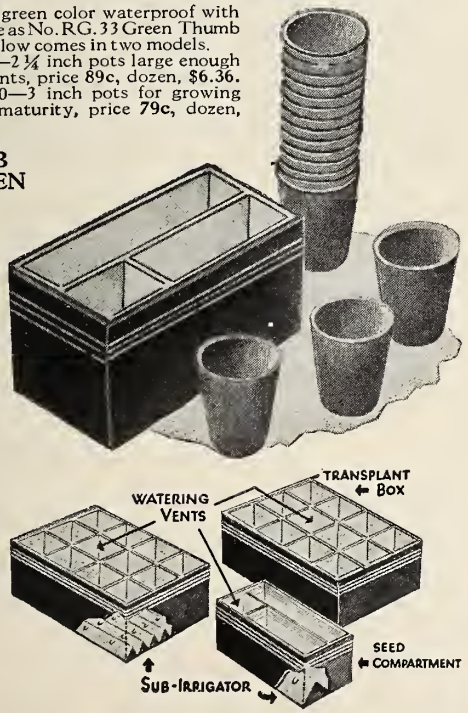
Finished in attractive green color waterproof with same sub-irrigation device as No. R.G. 33 Green Thumb Window Garden listed below comes in two models.

No. R. G. 50 with 50—2¼ inch pots large enough to grow medium size plants, price **89c**, dozen, **$6.36.**

No. R. G. 24 with 50—3 inch pots for growing larger plants for early maturity, price **79c**, dozen, **$5.64.**

GREEN THUMB WINDOW GARDEN

For use in the house to start seed and grow strong. Plants there are two seed starters with a total capacity of five to ten dozen seedlings the strongest plants are selected for transplanting into the three transplant boxes with a total capacity of 33 potted plants; have slender shape which fits even narrow window sills. They are finished in an attractive green color and look well in any room of the house. A self watering feature consisting of a sub-irrigation device simplifies growing. Watering is reduced to adding measured quantities once or twice a week as definite conditions develop. Strong sturdy (Waterproof) No. R. G. 33 price, each **79c**, doze, **$5.64.**



Prices on pots subject to change without notice

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.55	$ 3.60	$ 3.75	1,000	10 lbs.
2¼	.60	3.70	3.90	1,000	12 lbs.
2½	.70	3.95	4.10	1,000	16 lbs.
3	1.10	4.60	4.80	1,000	24 lbs.
3½	1.15	5.90	6.10	1,000	34 lbs.
4	1.30	7.20	7.20	500	46 lbs.
5	1.85	9.65	9.65	500	74 lbs.
6	2.40	12.50	12 45	500	102 lbs.

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	per Case Quan.	per Carton Shipping Wt.	Carton Price per
2 inch	1,000	14 lbs.	$ 6.75
2¼ inch	1,000	16 lbs.	6.95
2½ inch	1,000	22 lbs.	8.00
3 inch	1,000	28 lbs.	9.35
4 inch	500	26 lbs.	6.50
5 inch	500	44 lbs.	9.25
6 inch	500	62 lbs.	12.40

FLOWER POTS, Standard Red — F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate Lots Only		No. of Pots in Crate	
2 in.	1,500	$ 9.60 per 1,000	6 in.	117 $ 6.85 per 100
2½ in.	1,200	12.35 per 1,000	7 in.	99 11.35 per 100
3 in.	800	15.95 per 1,000	8 in.	50 16.25 per 100
4 in.	360	2.85 per 100	9 in.	28 24.95 per 100
5 in.	240	4.95 per 100	10 in.	24 33.50 per 100
			12 in.	6 68.00 per 100

CLAY SAUCERS	Doz.	Per 100
4 inch	$0.50	$2.85
5 inch	.65	3.50
6 inch	.75	5.40
7 inch	1.00	6.75
8 inch	1.25	8.75

BULB PANS	Doz.	Per 100
5 inch	$0.95	$4.95
6 inch	1.10	6.85
7 inch	1.95	11.35
8 inch	2.60	16.25
10 inch	4.60	33.50

AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch 117	$ 6.85	9 inch 28	$24.95
7 inch 99	11.35	10 inch 24	33.50
8 inch 50	16.25	12 inch 6	68.00

A. B. C. DIRT BANDS

Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1¾x1¾x2¾	12 lbs.	$2.40	$2.15 per 1,000
2 x2 x2	10 lbs.	2.25	2.00 per 1,000
2 x2 x2½	13 lbs.	2.50	2.25 per 1,000
2½x2½x2½	15 lbs.	2.75	2.45 per 1,000
3 x3 x3	22 lbs.	3.10	2.75 per 1,000
4 x4 x3	26 lbs.	3.75	3.40 per 1,000

WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Packed 1000 to carton.

	Weight per 1000	Price per 1000
2 x2 x3	16 lbs.	$3,65
2½x2½x3	20 lbs.	3.90
3 x3 x3	21 lbs.	4.25
3 x3 x4	32 lbs.	4.50
4 x4 x4	40 lbs.	5.25

Jardiers and Vases—Thermometers

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4	5¼ in.	100	$ 8.00
No. 5	6¼ in.	80	10.00
No. 6	7¼ in.	50	13.00
No. 7	8¼ in.	35	20.00

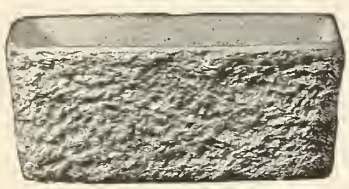
(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. $20.00 per 100, packed 50 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

Colonial

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish.
Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, $12.00 per 100; 60 per carton.
12 in. high, 4 in. in diameter, $20.00 per 100; 32 per carton.
15 in. high, 6 in. in diameter, $35.00 per 100; 13 per carton.

FLOWER TUBS. "Richmond Style." These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each		Inside Top Diameter	Depth Inside	Price, Each
No. 1.	7 in.	6 in.	$0.70	No. 9.	14 in.	13 in.	$1.85
No. 2.	7 in.	7 in.	.75	No. 11.	16 in.	15 in.	2.10
No. 3.	8 in.	8 in.	.80	No. 13.	18 in.	17 in.	2.95
No. 7.	12 in.	11 in.	1.20	No. 14.	19 in.	18 in.	3.50

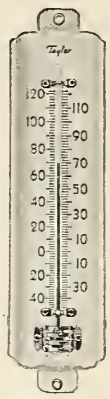
If handles are required, add 45c per tub.

PEARL CHIPS. For growing bulbs in bowls and other decorative purposes, white 25 lbs. for 95c; 100 lbs. for $2.75. Colored 25 lbs. for $1.10; 100 lbs. for $3.00.

THERMOMETERS.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $1.15; 3 for $3.30; doz., $12.00.

Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, $8.00.



Taylor

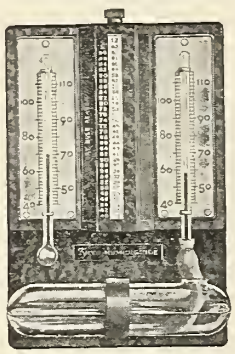
Self Registering

Hotbed

Taylor Utility Thermometer. White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, $1.00; three for $2.75; doz., $10.00.

No. 5132. Same as above. 7½ inch. Each, 75c; doz., $7.80.

Hotbed (Mushrooms). Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, $3.25.

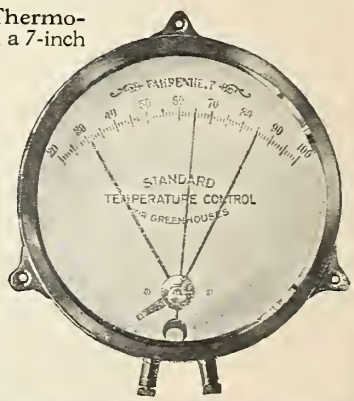


No. 5534 HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, $4.50. Wicks for Humidiguide, per dozen, $1.00.

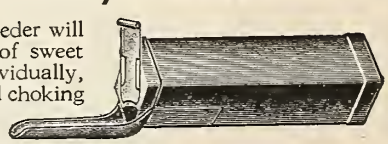
Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $50.00.

Standard Greenhouse Thermostat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $18.00. Shipping weight, 4 lbs.



Standard Greenhouse Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, $12. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.

New Handy Seeder



This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for $1.45; doz., $5.40; retails at 60c each.

Rubber Hose, Couplers, Nozzles, Etc.

Vaughan's 3/4" Water Hose

This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length.

⅝ in. Single Braid Hose. Price per 50 ft. length $4.50.

Price ¾ or ½-inch couplings 35c per set; sample mailed free if desired.

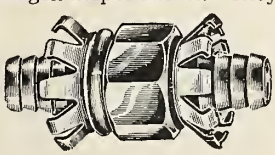
SPRAY HOSE. For high pressure spraying. ⅜-in., per ft., 26c; ½-in., per ft., 30c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., $6.00.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-inch hose. Dozen, 40c; gross, $3.75.

PLASTIC CLINCHER HOSE COUPLING. Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35; doz., $3.60.

Plastic Clincher Hose Mender. Price each, 15c; doz., $1.20.



GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.

Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75; per doz., $6.00.

HOSE WASHERS. ¾-inch. Doz., 10c; gross, 50c.

SOIL SOAKER

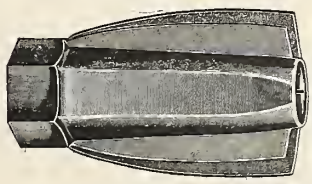
Irrigation hose for deep soaking. No. 0—12 ft., each, $1.15; six for $5.75. No. 1—18 ft., each, $1.50; six for $7.90; No. 2—30 ft., each, $2.25; six for $11.90; No. 3—50 ft., each, $3.50; six for $19.50.

EROSIONET

Use Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2½ in. high. Width, 45 inches. Price per yd., 11½c; 100-yd. lots, 11c per yd.; rolls of 250 yds., 10c per yard.



MIST-IC FANSHAPED FLAT SPRAY

Made of plastic—light in weight and easy to handle, this slotted nozzle throws a perfect spray, and even fine fan-shaped flat spray that is just what gardeners want and need. Each, 50c; doz., $4.00.

NOZZLES FOR SPRAYING INSECTICIDES & FUNGICIDES.

Bordeaux Nozzle to fit a standard ¼-inch thread adjustable from fine spray to stream. Each, $1.25.

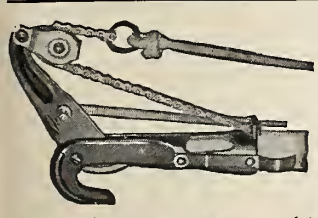
Vermorel Nozzle, non-clog, to fit ¼-inch thread. Each, $1.25.

Auto Pop Nozzle, including automatic shut-off. Each, $1.50.

Nozzle only, without shut-off, each 75c.

PRUNING TOOLS

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $2.75. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, $11.50. No. 12 Pruner head only, $6.50. Price complete with head pole and two 6-ft. extension poles, $18.00.



TREE PRUNERS. Waters' 6-ft., $2.25; 8-ft., $2.75; 10-ft., $3.00; 12-ft., $3.25. Extra blades, each, 30c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, $9.25.

CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, $3.50.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each $1.60; 24 inch handles, each $1.95.

SAWS (Atkins) Double-Edged Pruning.

18-in..$1.65

TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $2.50; 3 for $7.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $2.35; 3 for $6.75.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, $4.25.

Lawn and Garden Supplies

"HERBICIDOL"

THE WEED EXTERMINATOR

For ordinary grass and weeds each part of Herbicidol may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicidol is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., **50c**; gal., **$1.50**; 5 gals., **$6.00**; 10 gals., **$10.00**; 55 gals., **$35.00**.

When ordering drums $5.00 deposit required returnable for credit.

GETZUM WEED GUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, **$1.75**. Killer Kemical, pint, **30c**.

GRAINO

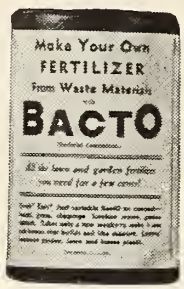
Hormone seed treatment and rooting stimulant. Just dust on flower or vegetable seed or dip cuttings in powder. Treating seed makes better rooted plants. Increases yield, hastens rooting. Lb., **$2.97**. **25c** packets, 2 dozen in colorful display card, shipping weight 1 lb. 11 oz. Price **$3.60** per display; 20-in-One size package retails at **$1.00**, 10 to carton, shipping weight 5 lb. Price **$6.00** per carton.

ZOTOX CRAB GRASS KILLER

An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, **$1.00**; doz., **$7.20**; 16 oz., **$1.50**; doz., **$10.80**; 5 lb., **$4.50**.

VITAMIST

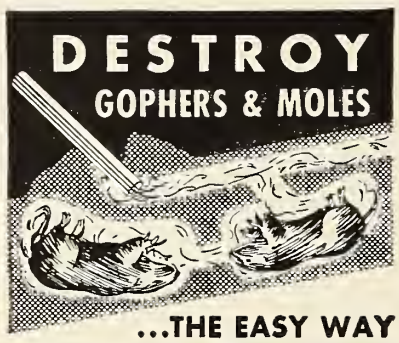
Vitamize as you sprinkle. A small Vitamin cartridge does the trick. Simply remove the nozzle from your hose, drop a Vitamist cartridge into the hose, replace the nozzle and turn on the water. Adjust it to a fine spray and sprinkle the Vitamin over any part of your lawn and garden. One cartridge will vitamize about 1500 square feet, a space about 30x50 feet. It takes about six minutes to dissolve the entire cartridge. Package of 30 cartridges retails at $1.00; price per display carton of 13, $8.00.



BACTO

Make your own fertilizer, easy, quick—often as little as three weeks. Just sprinkle Bacto on kitchen waste, leaves, garden rubbish, sewage sludge, etc. 5 lb. bag makes up to a ton of rich, soil-building organic humus, better than manure. Sprinkle in outdoor toilets, reduces odors, makes easily-handled ash of waste. Price 4 oz. cartons, retail at **35c** each, per carton of 10, **$2.25**; 5 lb. bags retail at **$1.65** each, **$1.15**, 6 for **$6.00**; 25 lb. bags retail at **$5.25**, 3 for **$10.50**.

RODENT ROCKETS



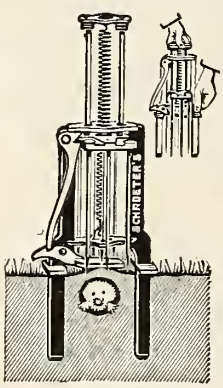
...THE EASY WAY

Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot". Safe, sure, efficient aids to hunters in "un-treeing" holed-up woodchucks, raccoons, etc.

Packed two dozen to an attractive display carton, weight 2½ lbs. Invaluable in Nursery and Greenhouse. Price per carton, **$1.50**; six cartons for **$8.00**.

MOLE TRAP

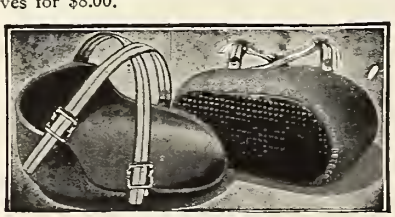
Improved with patented setting attachment. One of the best mole and gopher traps. Each, **$2.00**.



Mole Trap

EVER READY SMUDGE STOVE

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Each, 35; dozen, $2.80; 36 Smudge Stoves for $8.00.



KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, $1.65; 3 for $4.50.

Bird Houses and Feeders

AUTOMATIC BIRD FEEDERS

(Patented)

An economical feeder for all kinds of seeds, cracked corn or other small food.

If filled with sunflower seeds, it unfailingly attracts Cardinals, rose-breasted Grosbeaks, Finches and many other large as well as small pretty birds all year around.

Birds enjoy swinging with the feeder. Each, $1.60; 6 for $8.00.

WREN HOUSE No. 16

This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown, each, $1.10; 6 for $6.00; white and green, each, $1.35; 6 for $7.20.

Blue Bird House No. 5 similar to the above, stained brown, $1.00; 6 for $5.00.

MARTIN HOUSE No. X315

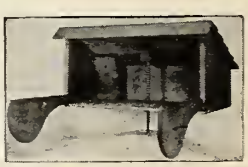
Twenty compartment house, two stories high, unpainted, $11.00. Painted two coats in white and green, $13.00.

Twenty-eight compartment house, three stories high, unpainted, $13.00. Painted two coats white and green, $15.00. Crating charge $1.00 extra.

ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown — each $1.10; 6 for $6.00.

No. FS21 GARDEN CRAFT FEEDING STATION



This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.

Size 24x12x12. Shipping weight 16 lbs.

Price stained brown	$4.20
Price painted green and white	5.75
Price stained with glass back	5.75
Erection Post bored for mounting rod	1.10

No. FS10 GARDEN CRAFT BIRD FEEDER

This cleverly constructed feeder will provide endless pleasure and satisfaction for bird lovers. You will be more than repaid for your generosity in providing food for your feathered friends during the early spring, late fall and winter, by their appreciation. Size 8x3x10 in. Shipping weight 3 lbs.

Price, $1.25; 6 for $7.00.

Erection pole with arm.....90c

Tools and Garden Equipment

Power Trimmers

You can save . . . the entire cost of a complete outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O K. Trimmer can do as much work as eight to ten men using sickles.

DeLuxe Outfit.....$190.00
Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Extra trimmers, $23.00 each. Large base cutter, $28.00.

O. K. POWER PLANT

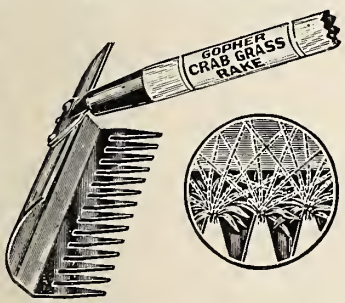
O K Heavy duty Hedge Trimmer.....$18.00

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

HANDY ADJUSTABLE LAWN RAKE

An all-purpose lawn rake. Depth gauges adjustable, makes rake pull easily over soil without pulling up sod; made of high carbon steel. 5 ft. ash handle. Ceiling price, each $1.75.

HANDY CRAB BRASS RAKE



This rake is formed so that the teeth pull flat on the sod, thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses, it will also pull out any weed that clings close to the ground. Each, $1.50.

METAL LAWN SIGNS

These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3¾x12 inches. Colors, green on white and black on white. Sign wordings — Please-Seeded — Keep off Grass. Signs with stakes, each, 35c; six for $1.50.

BERGMAN LAWN MOWER SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, $1.00; doz., $8.00.

PLANTING TOOLS HOLE-IN-ONE

The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. each, 50c; three for $1.35, doz., $4.00.

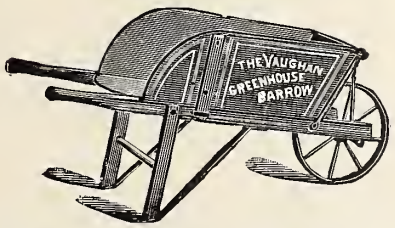
EARTH AUGER

Used to bore holes to feed trees. 2 inch size with 6 inch twist, length 40 inches. Each, $3.50.

SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs ; burns kerosene, range oil, stove or light furnace oil. Price complete, $18.95 (weight 17 lbs)

WHEEL-BARROW



Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end, 16 in. wide at handle end, 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread, the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, $10.50.

KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38"
Width	22"
Height at discharge end	36"
Height at hopper	33"
Weight	200 lbs
Power	½ H.P

Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....$100.00
(F. O. B. Erie, Pa.)

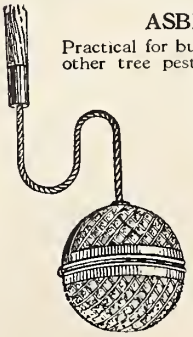
Write for prices on other sizes.

KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord	$200.00
No. 5 powered with 1 H. P. Briggs and Stratton gas engine	210.00
No. 5 less engine or motor	165.00
No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord	275.00
No. 1 complete without motor or engine	205.00
No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	195.00
No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord	405.00
No. 2 complete without motor or engine	300.00
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

ASBESTOS TORCH



Practical for burning caterpillars, worms and other tree pests. It is a black lined ball, filled with asbestos fibre, so constructed that is can easily be attached to any pole. Dip the torch in kerosene and light. Ea., 50c; 3 for $1.35; doz., $4.20.

SIEVES For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $1.75.

Glazing Tools and Materials

VITASPLASTIC TIRE COATING. Prevents cracks in tires, permits retreading. A war discovery. Dries quickly. Makes tires look new. Tire can be used from fifteen to thirty minutes after application. Can also be used on running boards, floor mats, top dressing, rubber hose, shoes, and other rubber items. Price per pint, $1.00; 8 pints for $12.00; gallon, $6.95.

GARLANITE The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, $2.40 per gal.; kegs, 10 and 20 gals., $2.50 per gal.; 5-gal. kegs, $2.70 per gal.; gal. cans, $2.75. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $4.00; 50 lbs., $7.00; 100 lbs., $13.00; 200 lbs., $24.00; 300 lbs., $35.00; 500 lbs., $55.00, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, $9.00; Barrel of 400 lbs., $28.00. Green, 2c per lb. higher.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.00 a gal.; 10 and 5-gal. drums at $1.30 a gal.; 1-gallon can, $1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $5.50.

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint. Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, $3.50; 5 gallons, $17.50. Freight prepaid on 10 gallons or more.
Vita Bedding Compound. An excellent elastic compound for rebedding. Gal., $2.75; 5-gal. pails, $12.50; 10 gals. or over prepaid.

PUTTITAPE. A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., $3.50; per 700 ft. $21.00.

SEAL-A-SEME. For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., $7.50.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., $2.10; 5 gal. can, $10.00; 30 gal. drum, $55.00.

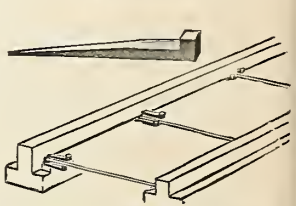
PUTTIROPE. A great new improvement for glazing and caulking easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., $1.00; 300 ft., $2.50. Postpaid, 1,000, ft., $5.00. F. O. B. Pana, Illinois.

TROJAN ROLLER TYPE GLASS CUTTER. Doz., $2.50; each, 25c.

PUTTY KNIFE, No. 120. A very good tool. Each, 45c; 3 for $1.25.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.
No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.
Write for prices in larger quantities.

SIEBERT'S IMPROVED.
Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, ⅝ and ⅞ inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 50c; 5 lbs., $2.25; 20 lbs., $8.25.



Mortite is just as effective for use outside as inside, as it is waterproof, stands weather and can be painted. A superior method for glazing windows and doors for caulking casement. Can be smoothed off with roller and lasts indifinitely. Comes all ready for use on rolls like ribbon for homes, sash, insulating and filling cracks. Box contains enough tape to insulate 5 or 6 windows, price per box, $1.25; 10 boxes, $11.00.

Dusts and Pump Guns

ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retails 59c each. Ceiling price, per doz., $4.80; carton of 24 pkgs., $9.50.

ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retails 59c each. Ceiling price, per doz., $4.89. Carton of 24 pkgs., $9.50.

KALITE ROTENONE BUG DUSTER. This practical, efficient duster bag contains a pound of impregnated Rotenone Dust. A practical package for dusting Victory Gardens. Price per carton of 24 1 lb. packages, $5.40; 4 lb. bags, 12 to a carton, $5.76 per carton; 25 lb. bags, $3.00 each.

KRYOCIDE D50 WITH SULPHUR. A combination insecticide and fungicide for chewing insects. Contains natural Cryolite. Retails at 50c per lb. Ceiling price per carton of 24 cans, $7.20; 3 lb. bag retails for 85c; carton of 12 cans, $6.60.

VICTORY GARDEN RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Ceiling price, per carton of 24 1-lb pkgs., $7.20. Retails for 45c, 5 lb. bag retails for $1.75. Ceiling price per carton of 6, $7.00.

KRYOCIDE. Can be used as a spray or dust, highly effective in controlling many chewing insects. Retails at 35c per lb. Ceiling price per case of 24 cans, $5.52.

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ACME KOPPER SHIELD PRUNING PAINT. A specially prepared liquid paint, containing copper for treating wounds left by storms or accidents, to prevent such diseases as European canker, fungus, hard rot, other fungi. Ceiling prices, pint can, 45c; doz., $3.60; gal., $2.35.

ACME EMO-NIK. A combination spray of nicotine and summer oil emulsion for controlling aphids scale, thrip, mealy bug, etc. Ceiling prices, 4½ oz., 35c; doz., $2.52; pint, 65c; doz., $4.80; gal., $2.50.

ACME SCIENTIFIC ROSE SPRAY. For roses, flowers and shrubs of all kinds. Consists of three elements for controling sucking and chewing insects, black spot and other fungus diseases. No. 3 kit will make 12 qts. Ceiling Prices, each, 95c; doz., $6.84. No. 6 kit will make 24 qts. Ceiling Prices, each, $1.50; six, $5.40. No. 24 kit will make 96 qts. Ceiling Prices, each, $4.00; three for $7.20.

ACME KOPPER QUEEN. A strong liquid copper spray for control of mildew, leaf spot and black spot on roses, flowers, and plants. Ceiling Prices: 8 oz., 35c; doz., $2.40; qt., 75c; gal., $2.00.

APHINE. Ceiling prices, pt., 75c; 1 qt., $1.00; 1 gal., $3.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. Ceiling prices, 1-lb. carton, 30c; doz., $2.80, case of 24, $5.40; 4-lb. bag, 75c; 48 lbs., $7.20; 100 lbs., $14.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Ceiling prices, 2 lbs., 50c; doz., $4.20.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Ceiling prices, lb., 30c; doz., $2.80; 4 lbs., 75c; case of 24 lbs., $3.75.

CALCIUM ARSENATE. (Dry.) Ceiling prices, lb., 30c; 4 lbs., 70c.

CARBON DISULPHIDE. For ants and cut worms. Ceiling prices, 1 lb., 50c; doz., $4.20.

COPPER SULPHATE. Crystals. Ceiling prices, 10 lbs., $1.50; 25 lbs., $3.50; 100 lbs., $12.00.

CORROSIVE SUBLIMATE. Calomel, Calogreen, Calochlor, and other mercurials. Due to fluctuating market, write for prices.

YELLOW CUPROCIDE. A superior fungicide spray. High copper content 83%. 1½ lbs. makes 100 gals. of spray solution. Neutral, contains no lime. Controls mildew, black spot, fungus, and other diseases; safe to use. Ceiling prices, 3 lb. pkg., $1.35; case of 48 lbs., $19.20; 100 lbs., $36.50.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. Ceiling prices, ½ lb., doz., $3.60; 1 lb., doz., $6.00; 5 lbs., each, $3.00; 25 lbs., $10.00; 100 lb $25.00; 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Ceiling prices, 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet; freight prepaid on 100-lb. lots.

DENDROL. Dormant tree and shrubbery spray. Ceiling prices, per gal., $1.25; 5 gals., $3.45; 15 gals., $8.80; 55 gals., $33.00.

D. N. SULPHUR DUST No. 10. A new and very effective control for Red Spider, Thrips, and Rust diseases on carnations. Ceiling prices, 10 lb. bag, $3.50; case of 5 bags, 50 lbs., for $12.50.

D.N. DUST No. 12. For control of Red Spider, Mite and Thrips on Roses, Calla Lilies, Snapdragons, Gardenias and Carnations. The active element in D.N. Dust No. 12 is a dinitro compound effective in all stages of Mite development. Should be used before blooming period. Ceiling prices, per 10 lb. bag, $4.50, case of 5 10-lb. bags, $20.00.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control Red Mite and Thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in ¾-lb. cans, 9 to a case, Ceiling Price, $20.25 per case.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Ceiling prices, lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Ceiling prices, lb., 30c; doz., $2.50; 5 lbs., 95c; 10, $1.85.

FLOWERS OF SULPHUR. Dusting grade. Ceiling prices, lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 2 bags for $425.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Ceiling prices, 1 lb., 85c; 5 lbs., $2.50; 25 lbs., $10.00; 50 lbs., $17.50.

FUME TOBAC. Ceiling prices, 25-lb. drum, $5.00; 50-lb. drum, $8.00; 100-lb. drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Ceiling prices, pt., 60c; qt., $1.00, gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Ceiling prices, lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.50.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Ceiling Prices: Pt., 75c; gal., $4.75.

L 333. ROTENONE PLANT SPRAY. Ceiling prices, gal., $10.75; 5 gals. for $48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. Ceiling prics, ½ pt., 35c; pt., 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Ceiling prices, pt., $2.00; gal., $10.50; 5 gals., $45.00.

McCORMICK GREENHOUSE SPRAY. A contact insecticide for the control of insects on non-food products. Very effective against Leaf Hoppers, Mealy Bugs, Thrips, Red Spider, Lace Bug, White Fly and Chrysanthemum Midge. Price per gallon, $11.00.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Ceiling prices, per lb. can, $1.15; 10 lb. cylinder, $7.75. Write for price on larger cylinders.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Ceiling prices, each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Ceiling prices, lb., $2.45; 4 lbs., $6.55; 8 lbs., $11.25; 40 lbs., $45.75.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. Ceiling prices, 5-lb. tin, $3.65; 10-lb. tin, $6.30.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. Ceiling prices, ½-lb. cans, 45c; six for $2.50; doz., $4.45; 1-lb. cans, 75c; six for $3.95; doz., $7.40. Orders for 36 1-lb. cans or 60 ½-lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Ceiling prices, qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. Ceiling prices, 10-lb. cans, $6.30.

NIKOTEEN. 30% grade. For spraying and fumigating. Ceiling prices, Oz. bottle, 35c; doz., $2.50; ½ pt., $1.35; pt, $2.25; 3 pts., $6.50; original case, 10 pts., $21.00. 40% grade, 4 lbs., $6.55; 8 lbs., $11.25.

NO-PY-RO. The new synthetic insecticide for controling Aphids, Mealy Bug, Green and White Fly, etc. Price per quart, $3.00, gallon, $10.00, 5 gal., $45.00.

No. 10 REFINED ROSE SPECIAL. For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Ceiling prices, per gal., $10.00; 5 gals. for $45.00.

INSECTICIDES AND FUNGICIDES—Continued

YAMTOX

A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (Pachyrhizus erosus). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, $12.00; case of 6/1 gallon cans, $11.00 per gallon; 30 gal. drum, $270.00.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. Ceiling prices, ¼-lb. carton, 20c; doz., $1.80; 1 lb., 45c; 5 lbs., $1.95; 14 lbs., $4.75.

PENETROL. An activator for nicotine spraying solutions. Ceiling Prices, qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Ceiling Prices, qt., 60c; gal., $1.25.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Ceiling Prices: Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. Ceiling Prices: Lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Ceiling Prices: Lb., 75c; 5 lbs., $3.50; 10 lbs., $6.25; 25 lbs., $14.75. Write for price on larger quantities.

RED-O-LEN. Bench powder. Ceiling Prices: 10 lbs., $3.00; 25 lbs., $6.00; 100 lbs., $21.00.

RESPIRATORS. For mild fumigating and dusting. Ceiling Prices: Each, $2.25.

ROTENONE COPPER DUST, 50-lb. bags, $4.75 per bag.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Ceiling Prices: 4 lbs., 50c; 6 for $2.75; 100 lbs., $8.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Ceiling Prices: Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Ceiling Prices: Gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $87.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Ceiling Prices: ⅓ oz. pkg., doz., 80c; 2 oz., 40c; doz., $3.20; 15 oz., $2.35; 4 lbs., $9.10; 25 lbs., $52.50; 100 lbs., $198.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Ceiling Prices: 10 lbs., $1.35; doz., $12.00; 50 lbs., $5.50.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. Ceiling Prices: 5 lbs., 40c; doz., $3.00; 10 lbs., 75c; 25 lbs., $1.20; 100 lbs., $3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Ceiling Prices: 1 lb., 90c; 5 lbs., $4.25; 25 lbs., $18.75; 100 lbs., $70.00.

THIOSAN. A remedy for brown patch control in creeping bent lawns. Ceiling Prices: 8 oz. each 80c, doz., $5.60. Carton of 24 $10.00. 5-lb. can, $6.45; 25-lb. drum, $30.00; 100-lb. drum, $115.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Ceiling Prices: Pt., 90c; qt., $1.50; gal., $5.50.

TOBACCO DUST (Regular Grade). Ceiling Prices: 10 lbs., 65c; 25 lbs., $1.20; 100 lbs., $3.50.

TOBACCO STEMS. Ceiling Prices: 100 lbs., $2.50; 500 lbs., $10.50

TRIO-GEN. Fungicide, insecticide and plant stimulant. Ceiling Prices: A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. Ceiling Prices: ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Ceiling Prices: Qt., 75c; gal., $2.00; 5 gals., $6.25; 28-gal. drum, $25.00; 54-gal. drum, $42.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Ceiling Prices: Qt., $1.00; gal., $3.00; 5 gals., $12.00.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ROTOTEC

A Rotenone Victory Garden Spray. Contains full amount of Rotenone necessary for good insect control. 4 oz. bottle retails at $1.00, price per dozen $7.20, pint bottle retails at $2.75, price per dozen $18.00.

ACME JR. ANT KILL SET. Contains, 2-oz. bottle syrup and two safety service cups. Ceiling prices: 35c per set; doz., $2.80.

ACME KOPPER KING. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Ceiling prices: lb., 45c; doz., $3.66; case of 24 pkgs., $7.08; 4-lb., bag, each, $1.05; per case of 12 bags, $8.88.

ACME VEGETABLE GARDEN AND FLOWER SPRAY. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. Ceiling prices: 1 lb. handy shaker top carton, price, 40c; doz. cartons, $3.24; per case of 24 cartons, $6.24; 4-lb. pkgs., per case of 12, $9.00.

ACME RED RIVER POTATO MIX. A special formula for potatoes. Ceiling Prices: 1-lb. bags, doz., $2.70; carton of 24 bags, $5.16; 4-lb. bags, 75c; six for $4.20; carton of 12 bags, $7.66.

ACME GARDEN GUARD PYRETHRUM. Put up in 1-lb. sifter carton. Ceiling Prices: Doz., $3.24; carton of 24 for $6.24; retails at 40c pkg.; 4-lb. bags, each, $1.35; 6 bags for $4.74; 50 lbs., $8.50.

ANT KILLER. Ceiling Prices: Master ½-oz. bottles, doz., 75c; 2-oz., doz., $2.00; 4-oz., doz., $4.00.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Ceiling prices, each, 15c; case of 24, $2.40.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Ceiling Prices: Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL ANT TRAPS. Kill both sweet and grease-eating ants. Ceiling prices, packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

ANTROL SYRUP REFILLS. Ceiling Prices: 4-oz. bottles, doz., $1.60.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Ceiling Prices: Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Ceiling Prices: Oz. bottles, doz., $2.78; carton of 24, $5.56; 5-oz. bottles, doz., $8.55; 1 lb., $2.25 ea.; 2 lbs., $3.25 ea.; 5 lbs., $6.00 ea.; 10 lbs., $11.00 ea.

DAWG-GONE. Protects evergreens from dogs. Ceiling Price: Per doz. tubes, $2.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Ceiling prices, bottle, 60c; doz., $4.80; gross, $46.08

GO-WEST INSECT BAIT. A bait to combat Snails, Slugs, Cut Worms, Sow Bugs, Grasshoppers and Earwigs. Price for Garden Size package which treats about 400 square feet, 60c; carton of 10 packages, $3.60. The large package which treats about 4000 square feet, $4.50; carton of 5 packages, $13.50; half acre package, $9.00.

C&O CROW REPELLENT. ½ pt. retails for 35c, packed 24 to a carton, price per carton $5.60, pint retails at 55c, price per dozen, $4.40.

NICOTINE PYROX. 20-oz. jars, Ceiling Prices: doz., $4.60; carton of 24, $8.97; 5 lbs., $1.50; case of 12, $15.60; 25-lb. drum, $6.50; 50-lb. drum, $10.65.

PYROX. Combination insecticide and fungicide. Ceiling Prices: 25 lbs., $5.75; 50 lbs., $8.35.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Ceiling Prices, per card, $2.00; six or more cards at $1.80 per card.

RED ARROW GARDEN SPRAY. Ceiling Prices: 1-oz. bottles, carton of 24, $5.40; 4-oz. bottles, doz., $8.00; pint, $2.50; qt., $3.60.

ROTECIDE. Standard rotenone spray. Ceiling Prices: Oz. bottles, doz., $2.50; per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Ceiling Prices: Doz. 1-lb. pkgs. for $2.40; 5-lb. pkgs., 12 for $9.60; 25 lb. bag, $5.50; 50 lb. bag, $11.00.

TREE TANGLEFOOT. Ceiling Prices: 6-oz., case of 24 cans, $7.20; 1-lb. cans, per doz., $7.60; per case of 24, $14.40; 5-lb. can, $2.95; case of 6, $16.87; 10 lbs., $5.50 each; case of 4 cans, $21.00; 25 lbs., $12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 35c each. Ceiling Price, per doz., $2.50.

Sprayers and Dusters

DOBBIN'S BIGHEAD SPRAYER

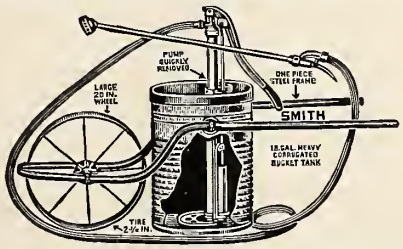
5⅛ diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.

No. 44G Galvanized tank. Ea., $7.20.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3½ gallon capacity. Price, Galvanized, $6.25.

WHEELBARROW SPRAYER



Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $25.50. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $39.50.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price, complete, $16.00.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, $22.50.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 3 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No moving parts to wear out or break. Each, $5.95.

SINGLE CYLINDER BRASS BUCKET PUMP

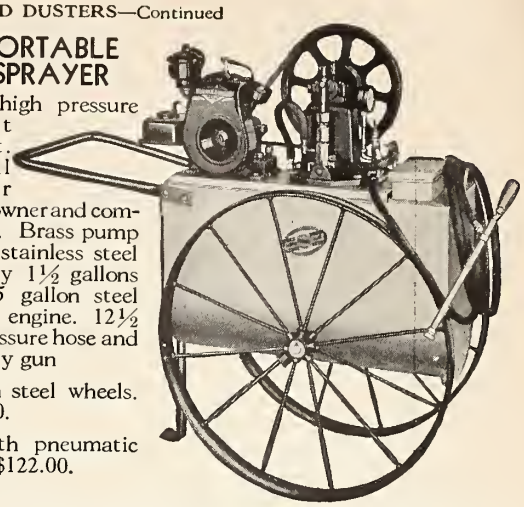
SMITH STURDY NO. 82 BRASS BUCKET PUMP, develops high pressure on up and down stroke. A handy sprayer for spraying insecticides, whitewashing, etc. Price, each, $5.95.

ARNOLD VICTORY SPRAYER, price, each 85c; doz., $8.00; postpaid $1.10. This sprayer will handle standard cartridges same as the Garden Hose Sprayer. Price of cartridges, 30c each; doz., $2.80.

Write for leaflet and prices on Hardie Greenhouse Special Power Sprayer.

SPRAYERS AND DUSTERS—Continued

UTILITY PORTABLE POWER SPRAYER



A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity 1½ gallons per minute, 25 gallon steel tank, ⅔ H. P. engine. 12½ feet of high pressure hose and adjustable spray gun

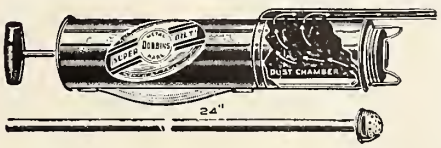
No. 3240 with steel wheels. Each $115.00.

No. 3240R with pneumatic tires. Each $122.00.

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickeled iron. Construction simple. Ea., $2.95.

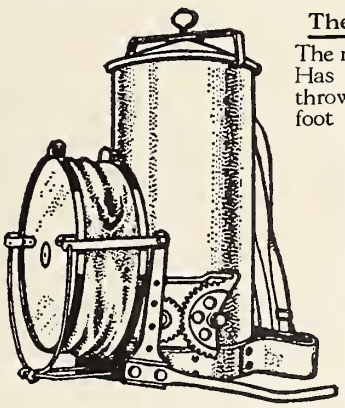
DOBBIN'S IMPROVED HAND DUSTER.

Recommended for applying Pyrethrum, Rotenone, Derris Root. A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity 1 lb., equipped with two-way dust cap. No. 132 Duster, Each.....$1.35



NEW STREAMLINED HARCO SPRAYER

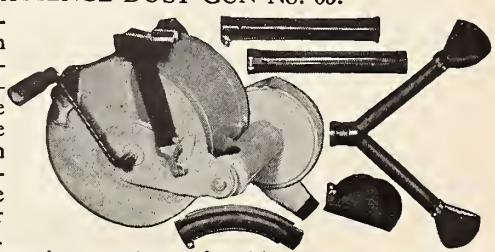
Get Penetrating Spray quickly, easily with this brand new, efficient, easy-to-use Harco sprayer. Harco, plus good liquid insecticide means quick, certain death to garden-blighting insects and destructive fungus pests. Harco's conveniently long extension rod sends a penetrating spray right where it is most needed for effective garden pest control. Each, $2.35. Six for $9.60.



The American Beauty Duster.

The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authoritics. Price, $22.50. Write for leaflet on the American Beauty Dust Sprayer.

CHALLENGE DUST GUN No. 63.



For Dusting Rotenone, Pyrethrum Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Ea., $19.80.

FEENEY MODEL B DUSTER.

Each, 85c; six for $4.80.

Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

● **The ceiling prices given below on this page are those in effect at the time this catalogue goes to press. Should increases in these ceiling prices be authorized by the Office of Price Administration, we reserve the right to increase our ceiling prices in accordance with such authorization. Should changes in formulas be ordered by the government authorities, then where necessary the formulas offered below will be changed in accordance with such regulations.**

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development Plant food of the right amount and kind controls the yield and quality of products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

Adco. Artificial Stable Manure. Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb bag is enough for 12 wheelbarrow loads of waste, making ½ ton of manure. **Ceiling prices, 7½-lb. bags, each, 85c; doz., $8.40; 25 lbs., $2.00; 150 lbs., $10.50.** Instructions with each bag.

Agrico. For Lawns, Trees, Shrubs and Flowers, **10-6-4. Ceiling prices,** 5-lb., packed ten to a bale, each, **30c;** retails at **45c;** 10-lb. packed six to a bale, each, **53c;** retails for **85c;** 25-lb., packed four to a bale, each, **$1.00;** retails at **$1.50;** 50-lb., two to a bale, each, **$1.70;** retails for **$2.50;** 100-lb., **$2.75;** retails for **$4.00.**

Agrico Victory Garden Fertilizer. For production of food only. **Ceiling prices,** 10 lb., packed six to a bale, each, **53c;** retails for **80c;** 25 lb., packed four to a bale, each, **$1.00;** retails for **$1.40;** 50 lb., packed two to a bale, each, **$1.55;** retails for **$2.20;** 100 lb., each, **$2.50;** retails for **$3.50.**

Agrico For Commercial Growing. **4-12-4.** A well balanced fertilizer for the commercial grower, can be used on practically everything in Greenhouse forcing or outside—neutral in its reactions. **Ceiling prices,** 100 lbs., **$2.70.** On all Agrico we will prepay delivery on 500 lbs. or more and will allow an additional 5% Discount for ton lots.

Bacto Bacterial Composition. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. **Ceiling prices,** 5 lbs., **$1.45;** 20 pkgs. for **$19.80;** 25 lb. bag, **$4.25;** 4 bags for **$13.20;** trial size of 10 4-oz. pkgs., **$2.50.**

Aluminum Sulphate. For creating acid condition in the soil. **Ceiling prices, 25 lbs., $1.25; 100 lbs., $3.50; 500 lbs., $16.00.**

Bone and Blood. **Tankage,** Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. **Ceiling prices, 100 lbs., $3.25; 1000 lbs., $30.00; 2000 lbs., $58.00.**

Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Ceiling price, 100 lbs., $7.50.**

Electra Fertilizer. **Ceiling prices, 25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $6.75. F. O. B. Massachusetts.**

Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. **Ceiling prices, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; per ton delivered, $65.00.** Write for quantity prices.

Crystal Urea. A highly concentrated inorganic fertilizer containing 46 percent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Ceiling prices, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75; 100 lbs., $7.50.**

Hardwood Ashes. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. **Ceiling prices, 100 lbs., $2.75; 1000 lbs., $22.00; 2000 lbs., $42.00.**

Horn Shavings. Synthetic. Quick-acting and lasting. **Ceiling prices, 50 lbs., $6.00; 100 lbs., $11.00.**

Horn Dust. Has same effect as Horn Shavings except it is immediately available. **Ceiling prices 100 lbs., $6.50; 500 lbs., $30.00.**

Hydrated Lime. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. **Ceiling prices, 50 lbs., $1.00; 1000 lbs., $8.50; 2000 lbs., $16.50.**

Hyponex. **Ceiling prices,** 3-oz. size, packed 36 to carton, retails at 25c each. **Per carton, $6.00;** 1-lb size, retails at $1.00, packed 12 to carton **Price per carton $8.00; 10 lbs., $5.35; 25 lbs., $10.00. 50 lbs., $15.00; 100 lbs., $25.00.**

We are not responsible for loss of weight due to evaporation of any fertilizers.

Hy-Gro. The soluble plant food. **13-26-13.** If given a little counter space, will bring results. **Ceiling prices,** 3 ozs. retails 25c each, packed 12 to a display cartons $1.80 per carton. 20-oz. retails for **$1.00,** packed 12 to a carton, $7.20 per carton. 10 lbs. retails for **$4.00,** packed single carton, each, $2.40.

Vaughan's Special Rose Grower Bone Meal. "Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. **Write for prices.**

Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

REGULAR GRADE BONE MEAL. Write for prices.

Raw Bone. Coarse. This material appeals to every florist who has used it. **Write for prices.**

Humus. Recommended for top-dressing or use on heavy clay soils. **Ceiling prices, 100 lbs., $2.00; ton, $30.00.**

Kem TRADE MARK • PATENTS PENDING

*Kem has proven itself a complete balanced plant food. Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplantings made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. **Ceiling prices, 25c size, 24 to case, $4.00 per case; 50c size, 12 to case, $4.00 per case; $1.00 size, 4 to case, $3.00 per case; $4.25 size packed separately, $2.83 each; 50-gal. barrel, $11.25.**

Leaf Mold. **Ceiling prices, 100 lbs., $2.00; 1000 lbs., $17.50; 2000 lbs., $32.00.**

Loma A scientifically prepared plant food for flowers, vegetables, and potted plants. For growing purposes only. Specify this when ordering. **Ceiling prices,** 10 lbs., ten to a bale, **65c** each, retails for **80c;** 25 lbs., four to a bale, **$1.05,** retails for **$1.45;** 50 lbs., two to a bale, each, **$1.77,** retails for **$2.35;** 100-lb. bag, **$2.90;** 500 lbs., **$14.50;** 1000 lbs., **$29.00;** 2000 lbs., **$58.00.** 300 lbs. or more delivered free to your railroad station within 500 miles of New York.

Loma Victory Garden Fertilizer. For production of food only. **Ceiling prices,** 10 lbs., 10 to a bale, each, **56c,** retails **80c;** 25 lbs., four to bale, each, **$1.05,** retail **$1.45;** 50 lbs., two to a bale, each, **$1.70,** retail **$2.35;** 100 lbs., **$2.70,** retail **$3.70.** 300 lbs. or more prepaid within 500 miles of New York.

Peat Moss Granulated. A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. **Ceiling prices, Bale, about 22 bushels, $3.50; 5-bale lots, $3.25 each; ½ bales $2.25 each.**

Peat, Orchid. Fern roots; very useful for Orchids and Azaleas. **Ceiling price, $2.50 per sack of two bushels; 5-sack lots, $2.35 per sack.**

***Plantabbs.** Fast selling, well advertised plant food tablet. Contains Vitamins B1. Ceiling prices, 10c size at 72c a doz.; 25c size at $2.00 a doz.; 50c size at $4.00 a doz.; $1.00 size at $8.00 doz.; $3.50 size at $2.35 each. LESS 5 % Discount on order of $6.00 up to $12.00. 10 % Discount on order of $12.00 and over.

"Poultek Fertilizer." 4-3-2. At last a pure Poultry Manure without any litter or peat moss, dehydrated daily from caged poultry to conserve its full natural strength 100% pure. For potting plants use two pounds to one bushel of soil, for liquid manure, two pounds to twenty gallons of water. **Ceiling prices,** 25 lbs., **$1.00,** retails for **$1.50;** 50 lbs., **$1.75,** retails for **$2.50.**

Pulverized Limestone. **Ceiling prices, 100 lbs., $1.25; 500 lbs., $5.00; 1000 lbs., $9.00; ton, $16.00.**

Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

Sheep Manure. Wizard Brand. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 100 lbs., $2.15; 1000 lbs., $21.00; 2000 lbs., $40.00.

Shredded Cow Manure. Wizard Brand. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. 100 lbs., $2.25; 1000 lbs., $21.00; 2000 lbs., $40.00.

Stimuplant. A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case. Ceiling prices, 60c; 25c size put up in counter display case, 10 to a case, $1.50; 75c retail size at 45c; $2.50 retail size at $1.50; $3.50 retail size at $2.10.

Driconure. Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, safe and easy to use. 50 lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. Ceiling prices, 50 lb. bags, 1 to 10 bags, $1.65 each; 10 to 20 bags, $1.50 each; ton, $55.00.

Sulphate of Potash 48%. Ceiling prices, 100 lbs., $4.00; 500 lbs., $18.00; 1000 lbs., $35.00.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

Super Phosphate. 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Ceiling prices, 100 lbs., $2.00; 1000 lbs., $14.00; 2000 lbs., $26.00.

Vigoro. A specially prepared plant food. It contains all elements plants need for healthy growth. Because it is a complete plant diet, it is really more economical than incomplete waste or by-products materials. Good plant food for commercial growers. Ceiling prices, 5 lbs., 29c, retails for 45c; 10 lbs., 56c, retails for 85c; 25 lbs., $1.00, retails for $1.50; 50 lbs., $1.70, retails for $2.50; 100 lbs., $2.75, retails for $4.00. 500 lbs. delivered free to your railroad station within 500 miles of New York.

Vigoro Victory Garden Fertilizer. 5-10-5. For production of food only. Ceiling prices, 5 lbs., 35c, retails 50c; 10 lbs., 56c, retails for 80c; 25 lbs., $1.05, retails for $1.45; 50 lbs., $1.70, retails for $2.35; 100 lbs., $2.70, retails at $3.70.

Vigoro Fertilizer Tablets. 24 tablets per box, 30 boxes in display case. Ceiling prices, case at $1.80, retails at 10c each.

Armours Special Ornamental Fertilizer. For flowers, lawns, trees, and shrubs, 6-12-4. Ceiling prices, 25 lbs., $1.00, retails at $1.50; 50 lbs., $1.70, retails at $2.50; 100 lbs., $2.75, retails at $4.00.

Armours Victory Garden Fertilizer. For production of food only. Ceiling prices, 25 lbs., 85c, retails $1.25; 50 lbs., $1.45, retails for $2.15; 100 lbs., $2.40, retails for $3.50.

HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.

Size of Pkgs. in B. T. I. Units	Price per Package
240	$2.50
480	4.50
960	8.00

All Postpaid.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., $6.00.

No. 1 Powder 1¾-oz. tin, each, 50c; lb., $3.00. No. 3 Powder 1-oz. tin, each, $1.00; lb., $4.50.
No. 2 Powder 1¾-oz. tin, each, 75c; lb., $4.50.

ROOTONE PATENTS PENDING

A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, ¼-oz. pkt., 25c; doz., $2.00; 2-oz., jar, enough to treat 3,000 cuttings, $1.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. Write for leaflet, all postpaid.

Rootone No. 10. 2 oz., each, $2.00; 1 lb each, $10.00.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. ½ oz., pkt., each, 25c; doz., $2.00; 3 oz., $1.00; 1 lb., $4.00.

Fruitone. The hormone spray for stopping preharvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, $2.00, retails at 25c per pkt.; 2 oz., $1.00, (makes 25 gal. spray); 12 oz., $5.00. Write for price on larger quantities.

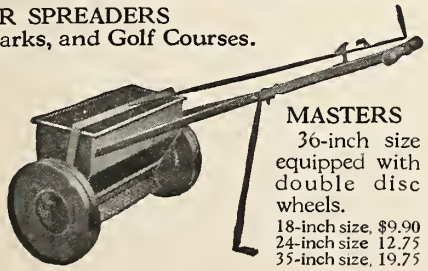
Mackwin Vitamin B1. A display card of 24—½ oz. bottles of liquid uitamin B1. Price $5.30; retails at 35c each.

Zoom Vitamin B1. The bottle has a dropper top, 2-oz. bottle, each $1.00; display box of 12 bottles, $7.33.

FERTILIZER SPREADERS

For Lawns, Gardens, Parks, and Golf Courses.

Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle.

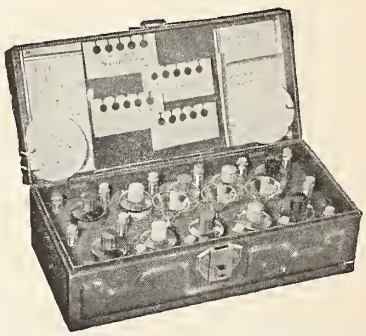


MASTERS

36-inch size equipped with double disc wheels.

18-inch size, $9.90
24-inch size 12.75
35-inch size, 19.75

The Sudbury Horticultural Soil Test Kit, $9.75



The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $9.75.

*Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Improved Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, $22.50.

The Sudbury Home Gardener's Soil Test Kit, $1.50

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

*The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, $1.50; six for $8.00.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., $1.50.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, $3.85; 3 for $9.48.

*When ordering Testing Fluid for Refill it requires No 2 and No. 3 to make Nitrogen Tests, No. 4 and No. 5 for Phosphorus Tests, and No. 6 and No. 7 to make Potash Tests, therefore when ordering, please order two numbers as tests cannot be made unless they are used in combination as specified above.

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Larger Profits In Quality Seed

Bags Included on All Grass, Gross for Net

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), $28.00 per 100 lbs.; less than 112 lbs., 29c per lb.; 10 to 25 lbs., 30c per lb.

Standard. Purity 80%. Full bags (112 lbs.), $27.00 per 100 lbs., less than 112 lbs. 28c per lb.; 10 to 25 lbs., 29c per lb.

Extra Fancy Seed. Purity about 92%. Full bags (112 lbs.), $31.00 per 100 lbs.; less than 112 lbs., 32c per lb.; 10 to 25 lbs., 33c per lb.

Refined Suncured Seed. Purity about 98%. Full bags (112 lbs.), $35.00 per 100 lbs.; less than 112 lbs., 36c per lb.; 10 to 25 lbs., 37c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), $19.50 per 100 lbs.; broken bags, 20½c per lb.; 10 to 25 lbs., 21½c per lb.

Extra Fancy Purity 95%. Full bags (100 lbs.), $18.75 per 100 lbs.; broken bags, 19½c per lb.; 10 to 25 lbs., 20½c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), $18.00 per 100 lbs.; broken bags, 19c per lb.; 10 to 25 lbs., 20c per lb.

CLOVER, White Dutch.

Extra Fancy. $64.00 per 100 lbs.; less than 100 lbs., 65c per lb.; 10 to 25 lbs., 66c per lb.

Choice Grades. $62.00 per 100 lbs.; less than 100 lbs., 63c per lb.; 10 to 25 lbs., 64c per lb.

Prime. $60.00 per 100 lbs.; less than 100 lbs., 61c per lb.; 10 to 25 lbs., 62c per lb.

Put up in packages of 5 lbs. and less, write for prices.

PERENNIAL RYE GRASS. $23.50 per 100 lbs.; broken bags, 24c per lb.; 10 to 25 lbs., 25c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), $13.00 per 100 lbs.; broken bags, 14c per lb.; 10 to 25 lbs., 15c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $62.00 per 100 lbs.; broken bags, 64c per lb.; 10 to 25 lbs., 66c per lb.

CREEPING RED FESCUE. A variety of fescue seemingly superior to Chewings. 100 lbs. $65.00; less than 100 lbs., 67c per lb. 10 to 25 lbs., 70c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), $78.00 per 100 lbs.; broken bags, 81c per lb.; 10 to 25 lbs., 83c per lb.

Red Tag. $75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 80c per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, $70.00 per 100 lbs.; broken bags, 72c per lb.; 10 to 25 lbs., 74c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lb. bags, $22.00; 1-lb. cartons (ea., 30c), $25.00 per 100 lbs.; 5-lb. bags (ea., $1.40), $24.00 per 100 lbs.; 10 to 25 lbs., 24½c per lb. Retails 40c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., $29.00; 1-lb. cartons (ea., 35c), $32.00 per 100 lbs.; 5-lb. bags (ea., $1.60), $31.00 per 100 lbs.; 10 to 25 lbs., 31½c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 70c per lb.) Price, $45.00 per 100 lbs.; 5-lb. bags (ea., $2.45), per 100 lbs., $47.00; 1-lb. cartons (ea., 50c), per 100 lbs., $48.00. Orders for 10 to 25 lbs., 47½c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, c 25 (Retails for 35c) / 1 -lb. carton, each, 40c (Retails for 60c)	$38.00
2 and 3-lb. cartons	37.50
5-lb. cartons or bags (each, $1.95)	37.00
10 and 15-lb. bags	36.50
50 and 25-lb. bags	36.00
100 lb. lots	35.00
300 lb. lots	34.50
500 lb. lots	34.00
1000 lb. lots	33.00

Lots of 10 to 25 lbs., 37½c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 27c (Retails for 40c) / 1 -lb. carton, each, 50c (Retails for 65c)	$46.00
2 and 3-lb. cartons	45.50
5-lb. cartons or bags (each, $2.35)	45.00
10 and 15-lb. bags	44.50
50 and 25-lb. bags	44.00
100 lb. lots	43.00
300 lb. lots	42.50
500 lb. lots	42.00

Lots of 10 to 25 lbs., 45½c lb. On Larger Lots Ask For Prices.

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retails at 75c per lb.) Price, $49.00 per 100 lbs.; 5-lb. cartons (ea., $2.65), per 100 lbs., $51.00; 1-lb. cartons (each 55c), per 100 lbs., $52.00. Orders for 10 to 25 lbs., 51½c per lb.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

Freshly Packed and Tested Lawn Seed in 1945 for Your Unsold 1944 Stock

Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1944, and replacement will be made by March 1, 1945.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is enclosed in each carton and bag of the lawn seed mixtures.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1

$20 Net Cash F. O. B. Chicago

Retails for $31.35

Cartons		Ret. Price
5	1-lb.	$0.60
7	2-lb.	1.20
7	5-lb.	2.85

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

No. 25. Deal No. 2

Retails for $23.30

Cartons		Ret. Price
12	1-lb.	$0.40
Bags		
10	5-lb.	1.85

$15 Net Cash F. O. B. Chicago

J. C. VAUGHAN, PRES. CARL CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Store

NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Please give us your Post Office delivery zone if you are in a large city.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express** or **Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods.**

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for $2.00; and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statues. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

TABLE OF CONTENTS

Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

	Page
Achillea	S.38
Achimenes	B.53
Agathea	S.38
Ageratum	S.4, 7, P.59
Almond	P.65
Aloe	S.7
Althaea—See Hibiscus	
Alyssum	S.7, 38
Amaranthus	S.10
Amaryllis	B.53
Ampelopsis	P.67
Anchusa	S.38
Anemone	S.39
Antirrhinum	S.4, 8-10
Apios Tuberosa	B.53
Aprons, Rubber	80
Aquilegia	S.39, P.56
Arabis	S.39
Asclepias	S.12
Asparagus	S.12, P.59
Asters	S.4, 10-11, 40, P.55
Aubrietia	S.40
Azaleas	P.59
Bacto	86, 92
Balsam	S.12
Begonias	S.12, B.53, P.59
Bell of Ireland	S.13
Bellis	S.40
Berberis	P.65
Biennials and Perennials	S.38-52
Bignonia	P.67
Bird Houses	86
Bouquet Material	80
Boxes	79
Brachycome	S.13
Browallia	S.13
Buddleia	P.65
Bulb Box Offer	Inside Back Cover
Bulbs	53, 54
Buyers' Guide	2-3
Cactus Seed	S.13
Caladiums	B.53, P.59
Calceolaria	S.13, P.59
Calendula	S.4, 13
Calliopsis	S.14
Campanula	S.40-41
Candytuft	S.14, 41
Canna	P.R.58
Canterbury Bells	S.15
Cards	80
Cardinal Climber	S.15
Carnations	S.4, 14, 41, P.58
Cell-O-Glass	83
Celosia	S.15
Centaurea	S.15, 41
Cephalophyllum	S.15
Cheiranthus	S.42
Chrysanthemums	S.4, 16, 42, 60, 61
Chrysanthemum Cuttings	56, 60-61
Cineraria	S.16
Cinnamon Vine	B.53
Clarkia	S.16
Clematis	P.67
Cleome	S.16
Cobaea	S.16
Coix	S.16
Coleus	S.4, 17
Consignment Seed	1
Convolvulus	S.17
Coreopsis	S.42, P.56
Cornus	P.65
Cosmos	S.17
Crab Bechtel's	P.68
Creme Gloves	78
Cuphea	S.17
Cyclamen	S.18, P.59
Cynoglossum	S.17
Cyperus	S.17
Dahlberg Daisy	S.18
Dahlias	S.4, 18, P.R 64
Daisy	S.40
Datura	S.18
Delphinium	S.5, 42-43, P.55-56
Deutzia	P.65
Dianthus	S.4, 5, 19, 43-44, P.56
Dicentra	P.55, 56
Didiscus	S.18
Digitalis	S.44
Dimorphotheca	S.19
Dirt Bands	83
Draceana	S.19
Dusters	91
Easels, Wood	80
Echinops	S.44
Echium	S.19
Edelweiss	S.44
Elm	P.69
Erosionet	85
Escholtzia	S.19
Euonymus	P.65
Euphorbia	S.44, P.55, 56
Evergreens	69-70
Ferns	S.19, P.59
Fertilizers	92-93
Feverfew—See Matricaria	
Floralife	79
Flower Boxes	86
Flower Pots	83
Flower Seeds	4-52
Flower Seed Novelties	4-6
Forget-Me-Not	S.44
Forsythia	P.65-66
Four O'Clock	S.24
Freesia	S.19
Fungicides	89
Gaillardia	S.20, 45, P.56
Geranium	S.5, P.59
Gerbera	S.45
Geum	S.45
Gilia	S.20
Gladiolus	B.54
Glazing Material	88
Glazing Tools	88
Gomphrena—Globe Amaranth	S.20
Gloxinia	S.21
Godetia	S.21
Gourds	S.20
Grafting Wax	82
Grasses, Lawn	94-95
Greenhouse Plants	59
Grevillea	S.21
Gypsophila	S.20, 45, P.55, 56
Helenium	S.45, P.57
Helianthus	S.21, 45, P.55, 57
Helichrysum	S.21
Heliotrope	S.21
Hemerocallis	P.57
Heuchera	S.46
Hibiscus	S.46, P.57, 66
Hollyhock	S.46
Honesty—See Lunaria	
Hormodin	93
Hose Supplies	85
Hot Bed Supplies	83
Hunnemannia	S.21
Hyacinthus Candicans	B.53
Hydrangea	P.59
Immortelles	80
Impatiens	S.21
Insect Destroyers	89-90
Ipomoea	S.21
Iris	S.46, R.63
Ismene	B.53
Ivy	S.46
Jacaranda	S.21
Jasione	S.46
Kalanchoe	S.21
Knee Pads	86
Knives	81
Kochia	S.21
Kudzu Vine—See Pueraria	
Labels	81
Lantana	S.21
Larkspur	S.22
Lathyrus	S.21
Lavatera	S.21
Lavendula	S.46
Lawn Seed	94-95
Lawn Supplies	86-87
Leaf Mold	92
Leaves, Prepared	80
Lemon Verbena	S.21
Leptosyne	S.21
Letters	80
Leucocoryne	S.22
Liatrus	S.46-47, P.57
Ligustrum	P.66
Lilac (Syringa)	P.67
Lilies	S.47, B 53
Linaria	S.22, 47
Linum	S.47
Lobelia	S.22, 47, P.57
Lonicera	P.66, 67
Lunaria	S.47
Lupinus	S.22, 47, P.55, 57
Lychnis	S.48
Malus	P.68
Marigold	S.5, 23-24
Marvel of Peru	S.24
Matricaria	S.48
Mats	83
Mesembryanthemum	S.24
Microsperma	S.24
Mignonette	S.24
Mimulus	S.24
Monarda	S.48, P.57
Montbretias	B.53
Moss, Sheet	81
Moss, Sphagnum	81
Mushroom Spawn	76
Myosotis	S.44
Nasturtium	S.24
Nemesia	S.25
Nicotiana	S.25
Nierembergia	S.25, 48
Nigella	S.25
Nolana	S.25
Oenothera	S.48
Orchid Peat	81
Othake	S.25
Oxalis	S.25, B.53
Paint	88
Pansy	S.26
Papaver—Poppy	S.25
Palms	P.59
Paper	79
Pearl Chips	84
Peat Moss	92
Pelargoniums	P.59
Peonies	R.63
Pennisetum	P.58
Pentstemon	S.25, 49, P.55, 57
Perennial Plants	55-57
Perennials	S.38-52
Petunia	S.6, 27-29
Philadelphus	P.66
Phlox	S.25
Phlox—Hardy	S.49, P.57
Physalis	S.49
Physostegia	S.49
Pins	78
Plant Bed Cloth	83
Plant Stakes	81-82
Platycodon	S.49, P.57
Poppy	S.48-49
Poinsettias	P.58
Portulaca	S.31
Pots	83
Primula	S.6, 30, 50
Pruning Tools	85
Prunus	P.68
Pueraria	P.67
Pump Sprays	91
Pyrethrum	S.31, 50, P.57
Raffia and Reed	81
Rakes	87
Ranunculus	S.50
Repellents	78
Rhus	66
Ribbons	78
Ricinus	S.31
Rootone	93
Rosa Rugosa	P.66
Roses	P.62-63
Rudbeckia	S.31, 50
Salpiglossis	S.31
Salvia	S.31, 50
Saponaria	S.31
Sash, Hot Bed	83
Saws	85
Scabiosa	S.32, 51
Schizanthus	S.32
Sedum	S.31
Seed Flats	83
Shasta Daisy	S.42
Shrubs	65
Sieve	87
Soil Shredder	87
Soil Testers	93
Solanum	S.35
Spiraea	P.66
Sprayers	91
Statice	S.35, 51, P.57
Stocks	S.34
Stokesia	S.51
Sunflower	S.21
Sweet Peas	S.32-33
Sweet William	S.43
Syringa	P.67
Tahoka Daisy	S.35
Taxus	70
Thalictrum	S.51
Thermometers	84
Thunbergia	S.35
Tithonia	S.35
Torenia	S.35
Tree Pruners	85
Tree Wrap	82
Trees, Shade	68-69
Tritoma	S.51, P.57
Trollius	S.51, P.57
Tuberoses	B.53
Tubs	84
Twine	79
U-Mix-It	82
Valeriana	S.51
Vases	84
Vegetable Seed	71-77
Venidium	S.35
Verbena	S.6, 36, 51
Veronica	S.52, P.57
Viburnum	P.67
Vinca	S.35, P.55, 57
Vines	P.67
Viola	S.52
Violet	P.55, 57
Viscaria	S.35
Wallflower	S.52
Weed Killers	86
Weigelia	P.67
Wheelbarrows	87
Wreath and Bouquet Material	80
Wreaths and Designs	80
Wistaria	S.52, P.67
Xanthisma	S.35
Xeranthemum	S.35
Yucca	S.52
Zea	S.35
Zephyranthus	B.53
Zinnia	S.36-37

SF 4

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK 601 West Jackson Blvd., CHICAGO

NAME..... Date.....19____
Write very plainly

Post Office..... State.....

Street, P. O. Box
or Rural Delivery.....

Express or Freight Office {If different from P. O.} ..... Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

AMOUNT ENCLOSED

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks Payable to Vaughan's Seed Store

Money Order $.....
Draft or Check $.....
Postage Stamps$.....
Cash - - - $.....

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than $25.00, 5%, and over 25,00, 8%. On all other items a cash discount of 2% is allowed, except on grass seed and net cash supplies. Discounts as herein specified may be deducted from remittance if cash is inclosed with order.			
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

(OVER)

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	PRICE Cts.
	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	7c.	1c. (2 lbs)
First and Second Zone within 150 miles of either	8c.	1.1c.
Third Zone within 150 to 300 miles	9c.	2c.
Fourth Zone within 300 to 600 miles	10c.	3.5c.
Fifth Zone within 600 to 1000 miles	11c.	5.3c.
Sixth Zone within 1000 to 1400 miles	12c.	7c.
Seventh Zone within 1400 to 1800 miles	14c.	9c.
Eighth Zone all over 1800 miles	15c.	11c.

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,		
Amount for Postage		
Grand Total,	$	

Filled by_____ Checked by_____ Packed by_____

Shipped by_____ Style of Package_____

Date_____ Book_____ Weight_____

500 1st Size Glads, 10 Named Varieties, and Display Box

Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

$15.00

Retails for $30.00

F. O. B. Chicago or New York

VAUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) include the show winners **Picardy, Maid of Orleans, Dr. Bennett, Wasaga, Margaret Fulton, Giant Nymph, Gold Eagle, Minuet, Berty Snow, Red Phipps**—none better known. The price to you is $15.00 for the box and 500 bulbs of 10 named varieties. You retail them for 75c a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for $14.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or $28.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. **Varieties Subject to Change Without Notice.**

Sell Vaughan's Famous Rainbow Garden of Gladioli (80 No. 3 bulbs)

Each: $1.50; 10 for $14.00; 20 for $27.00; Prepaid 600 Miles.

Retailing at $2.00, this is an unexcelled leader. It includes 80 bulbs, 8 each of the following varieties, each separately bagged and labeled: **Dr. Bennett**, red; **Mary Shary**, yellow; **Maid of Orleans**, white, orange; **Beacon**, salmon scarlet; **Shirley Temple**, white with cream mark; blue; **Vagabond Prince**, smokey; **Picardy**, pink; **Minuet**, lavender.

The Best of the New Cannas

New Cannas are planted each year at Western Springs, also test plantings of the older varieties. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed. We urge all Florists to try the new varieties here listed, best in our trials.

	Per 100	Per 1000
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial	$7.50	$65.00
DOROTHY S. 4 inches. A fine salmon red. Sport of President. Produces large flowers. Is very virogous and drought resistant..	7.50	65.00
THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant roots.....	5.50	45.00

For full canna list, see Index.

CANNA The President

PANSIES Vaughan's Super Swiss Giants Mixed.

PANSIES

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades.

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

PANSY Super Maple Leaf "Canadian Giant."

PANSIES—Continued

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Fire Beacon. Brick red.

Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white pansy.

Swiss Rheingold. Canary-yellow with dark blotches.

Each of the above. Trade pkt., 75c; ⅛ oz., $1.60; ¼ oz., $3.00; oz., $10.00.

GIANT MIXTURES

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 60c; ⅛ oz., $1.20; ¼ oz., $2.00; oz., $7.00; lb., $80.00.

VAUGHAN'S SUPER SWISS PANSIES

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Without question, the finest mixture of Swiss Giant Pansies on the market. Trade pkt., 75c; ⅛ oz., $1.30; ¼ oz., $2.20; oz., $8.00, ¼ lb., $28.00; lb., $90.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.